

**2007 Q1 RELIABILITY REPORT**

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***Note: The results reported herein are for 1<sup>st</sup> Quarter 2007.***



## 1.0 OVERVIEW OF CYPRESS SEMICONDUCTOR, INC. TOTAL QUALITY MANAGEMENT SYSTEM

This report summarizes Cypress Semiconductor Product Reliability for the period of the 1<sup>st</sup> quarter of 2007. It includes data from devices fabricated at both internal Cypress and external subcontractor wafer fabrication and assembly facilities.

Cypress Semiconductor has established aggressive reliability objectives. The quality standard at Cypress is zero defects, driven by culture requiring continuous improvement in quality and reliability.

Product reliability is assured by a total quality management system. The quality management system is described in detail in the Cypress Semiconductor Quality Manual (Cypress Semiconductor Document Number 90-00001). Key reliability-related programs of the total quality management system are: (1) design rule review and approval; (2) control of raw materials and vendor quality; (3) manufacturing statistical process controls; (4) manufacturing of "Maverick Lot" yield limits; (5) formal training and certification of manufacturing personnel; (6) qualification of new products and manufacturing processes; (7) continuous reliability monitoring; (8) formal failure analysis and corrective action; and (9) competitive benchmarking.

Product Reliability data is accumulated as a result of new product Qualification Test Plan activities (Cypress Semiconductor Document Number 25-00040) as well as from the Reliability Monitor Program (Cypress Semiconductor Document Number 25-00008). All reliability test samples are obtained from standard production material. Sample selection is based on generic product families. These generic products are designed with very similar design rules and manufactured from a core set of processes.

Reliability strategy requires that every failure that occurs during reliability testing be subjected to failure analysis (Cypress Semiconductor Document Number 25-00039) to determine the failure mechanism. Corrective action is then implemented to prevent future failures, resulting in continuous improvement in product reliability.

Sabbas Daniel  
Executive Vice-President, Quality

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## 2.0 PRODUCT RELIABILITY

In product stress testing, the main emphasis is on the useful life section of the bathtub curve. The test methodology used to predict the useful life period is a steady-state life test under a dynamic bias and at temperatures of 125°C or 150°C at the maximum specified use voltage of the product. The duration at these temperatures is 1,000 and 500 hours, respectively.

At Cypress, product reliability tests are performed as part of both the qualification processes and the standard reliability monitoring program. Each fab site and technology family from each product line is sampled. These reliability tests utilize the following stress factors to accelerate failure: temperature, current and /or voltage. The product reliability tests currently employed at Cypress include Early Failure Rate (EFR) and Long Term Failure Rate (LFR).

### 2.1 EARLY FAILURE RATE SUMMARY

Early Failure Rate Determination: High Temperature Operating Life testing (HTOL), for as long as 96 hours, is used to estimate device early failure rate. This stress will typically correspond to the first 2000 hours of device operation in a system environment. The remainder of the device's lifetime is characterized with extended LFR testing (See Section 3)

- Test** : High Temperature Operating Life Test (HTOL)
- Conditions** : Dynamic Operating Conditions, VCC nominal + 15%, 150°C or 125°C.
- Duration** : 48 hours HTOL at 150°C or 96 hours at 125°C.  
(Refer to Appendix C for derating factor calculation)
- Failure** : A failure is any device that fails to meet data sheet electrical requirements.

**Table 1. Early Failure Rate Summary**

Technology	Device Hours	# Failed	FIT Rate	PPM	Failure Mode
B53	47,381	0	Insufficient	0	None
C8	212,761	0	25	0	None
C9	1,555,163	22	45	673	Particle defect-22 (see Note 2)
CMOS2AN	53,184	0	Insufficient	0	None
I8	2,544	0	Insufficient	0	None
L28	14,400	0	Insufficient	0	None
L8	108,240	0	Insufficient	0	None
P26	17,940	0	Insufficient	0	None
POWER 165	20,865	0	Insufficient	0	None
PROMOS S12	180,615	0	30	0	None
R21	28,416	0	Insufficient	0	None
R28	40,800	0	Insufficient	0	None
R42	32,826	0	Insufficient	0	None
R5	166,849	0	32	0	None
R7	2,244,456	0	2	0	None
R8	320,440	1	19	100	SAC distance <100A-1
R9	3,469,572	1	2	14	No visual defect-1
R95	2,039,164	1	3	13	No visual defect-1
S12	43,912	0	Insufficient	0	None
S4	697,591	0	8	0	None
SRT2NNDP	31,928	0	Insufficient	0	None
STARM	18,581	0	Insufficient	0	None
TSMC 025	11,365	0	Insufficient	0	None
UMC 0.18	72,000	0	Insufficient	0	None
<b>Grand Total</b>	<b>11,430,992</b>	<b>25</b>	<b>7</b>	<b>82</b>	<b>See above</b>

Notes: 1) Insufficient data – interpret as insufficient accumulated life-time hours to project a 60%confidence bound for a zero-fails sample.  
2) Reference CAR 200710005.

## 2.2 LONG TERM FAILURE RATE SUMMARY

A High Temperature Operating Life test (HTOL) is used to estimate long-term reliability. By operating the devices at accelerated temperature and voltage, hundreds of thousands of use hours can be compressed into hundreds of test hours.

**Test** : High Temperature Operating Life Test (HTOL)  
**Conditions** : Dynamic Operating Conditions, VCC nominal +15% 150°C or 125°C.  
**Duration** : A minimum of 80 hours at 150°C or 168 hours at 125°C  
 Generally 500 hours at 150°C or 1000 hours at 125°C.  
 (Refer to Appendix C for derating factor calculation)  
**Failure** : A failure is any device that fails to meet data sheet electrical requirements.  
**Fit Rate** : Derated to 55° C ambient, with 60% upper confidence bound for 0 failures,  
 Ea =0.7ev (Refer to Appendix A)

**Table 2. Long Term Failure Rate Summary**

Technology	Device Hours	# Failed	FIT Rate	Failure Mode
B53	146,361	0	Insufficient	None
C8	287,105	0	19	None
C9	264,062	1	22	No visual defect-1
CMOS2AN	43,580	0	Insufficient	None
E30	32,258	0	Insufficient	None
I8	25,000	0	Insufficient	None
L28	150,000	0	36	None
L8	240,000	0	22	None
P26	299,496	0	18	None
POWER 165	517,022	0	10	None
PROM20NX	96,452	0	Insufficient	None
R21	294,660	0	18	None
R28	287,105	0	19	None
R42	1,063,619	0	5	None
R5	1,437,072	0	4	None
R7	1,359,788	0	4	None
R8	2,084,763	0	3	None
R9	768,340	1	8	Void in Vss MCON-1
S4	3,276,309	0	2	None
STARM	512,716	0	11	None
UMC 0.18	223,159	0	24	None
<b>Grand Total</b>	<b>13,408,866</b>	<b>2</b>	<b>1</b>	<b>See above</b>

Notes: Insufficient data – interpret as insufficient accumulated life-time hours to project a 60% confidence bound for a zero-fails sample

### 2.3 DATA RETENTION SUMMARY

A high-temperature, non-biased bake test ensures that data retention meets established reliability goals. The devices are baked without bias at either 165°C for plastic-packaged devices, or 250°C for hermetically-packaged devices. DRET is performed on programmed devices to establish a failure rate for cell charge loss. The reliability at nominal system ambient temperature is related to the failure rate at elevated temperatures through the Arrhenius equation.

- Test** : Data Retention Testing (DRET)
- Conditions** : High temperature non-biased bake
- Duration** : A minimum of 500 hours at 150°C or 168 hours at 165°C  
Generally 1000 hours at 150°C or 500 hours at 165°C.
- Failure** : Devices are programmed with a worst case program pattern before being subjected to data retention testing. The memory pattern is verified at each readpoint and any device with altered bits is classified a failure.

**Table 3. Data Retention Summary**

Technology	Sample Size	Device-Hours	# Failed	PPM	Failure Mode
0.25u	342	171,000	0	0	None
0.8u	7707	3,189,000	0	0	None
130nm	2293	322,441	0	0	None
S4	4988	2,163,266	0	0	None
<b>Grand Total</b>	<b>15330</b>	<b>5,845,708</b>	<b>0</b>	<b>0</b>	<b>None</b>

### 3.0 PACKAGE RELIABILITY

Package-level reliability testing refers to the assessment of the over-all reliability of the device in packaged form. This consists of subjecting packaged samples to reliability tests that expose the various sample sets to different stress conditions, after which the samples are tested for any degradation.

At Cypress, package reliability tests are performed as part of the qualification processes and as part of the standard reliability monitoring program. The reliability test employed is chosen based on the failure mechanism, as different stress tests accelerate different failure mechanisms. These reliability tests utilize one or more of the following stress factors to accelerate failure: temperature, moisture or humidity, current, voltage, and pressure. The package reliability tests currently employed at Cypress include Pressure Cooker Test (PCT), Highly Accelerated Stress Test (HAST), Temperature Cycle Test (TCT), and High Temperature Storage (HTS). Figure 1 shows the Cypress package reliability stress flow.

Surface-mount samples are preconditioned per Jedec Std JESD22-A113 prior to package reliability testing. This is required prior to TCT, PCT and HAST testing. Preconditioning simulates the board mounting process of the customer. It normally consists of a temperature cycle to simulate exposure to different temperatures during shipping, a bake to drive away the moisture inside the packages of the samples, a soak to drive a controlled amount of moisture into the package, and three cycles of convection reflow. Packages are soaked and reflowed based on their shipping moisture sensitivity classification. The samples are tested (acoustic and electrical) after preconditioning, failures from which are considered as preconditioning failures and not reliability failures. Preconditioning failures should be taken seriously, since these imply that the samples are not robust enough to withstand the board mounting process.

Cypress conducts all major classes of package reliability tests on each of its package families. The package characteristics and assembly locations are the primary considerations when grouping packages into package families. A package family may consist of a group of 44-lead to 144-lead TQFP packages manufactured at a particular manufacturing location.

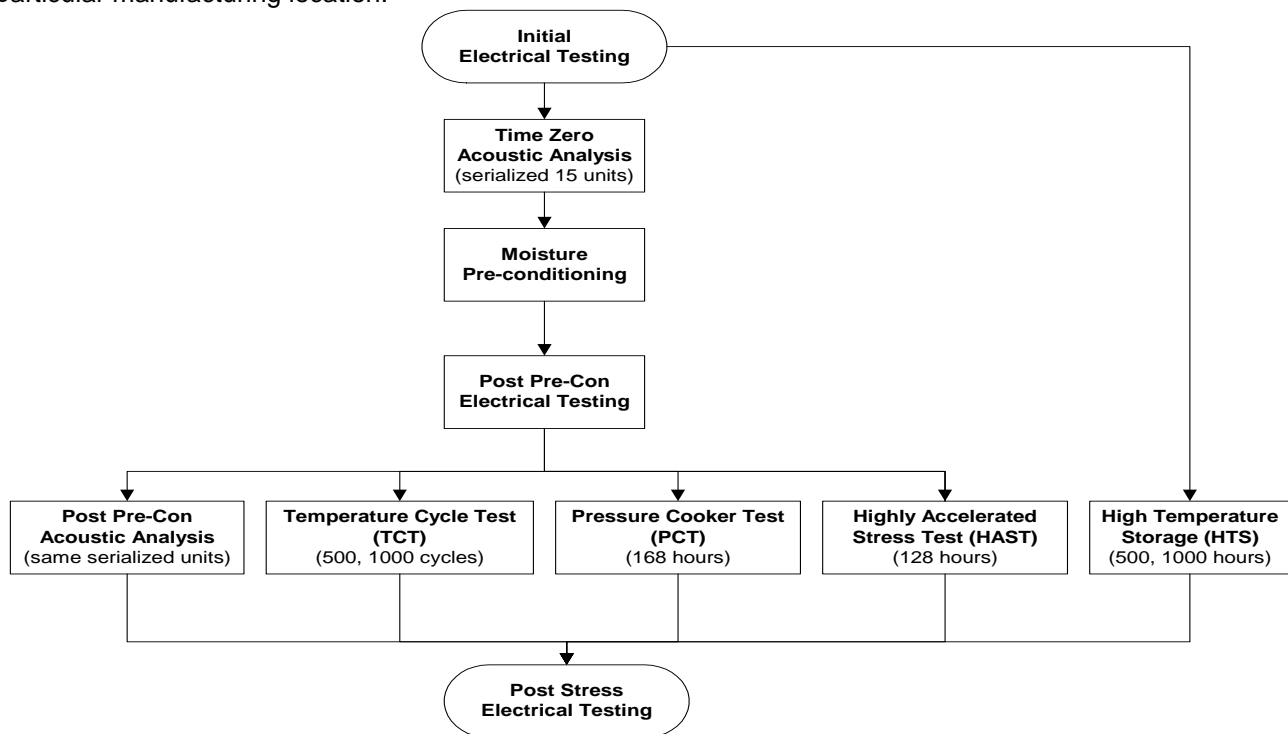


Figure 1. Cypress Package Reliability Stress Flow

### 3.1 PRESSURE COOKER TEST (PCT)

The Pressure Cooker Test is a highly accelerated packaging stress test used to ensure environmental durability of epoxy-packaged parts. Passivation cracks, ionic contamination, and corrosion susceptibility are all accelerated by this stress.

- Conditions** : 15 PSIG, 121°C, No bias, for a minimum of 168 hours.
- Pre-Conditioning** : 5 cycles Temperature Cycles -65/+150, 24 hr Bake 125°C, Moisture loading to qualified MSL level
- Failure Modes** : Parametric shifts, high leakage, and/or catastrophic
- Failure Mechanism** : Die corrosion or contaminants such as foreign material on or within the package materials. Poor package sealing.

**Table 4. Pressure Cooker Test Failure Rate Summary**

Package	Sample Size	# Failed	Defects %	Failure Mode
FBGA (0.75-0.8)	592	0	0	None
FBGA (0.75-0.8, Pb-Free)	50	0	0	None
FBGA (1.0)	833	0	0	None
FBGA (1.0, Pb-Free)	179	0	0	None
VFBGA (0.75-0.8, 0.3mm)	887	15	1.69%	Copper Trace Short (Aluminum)-15
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	1,305	0	0	None
PBGA (1.27)	150	0	0	None
PBGA (Cavity/Heatsink)	83	0	0	None
PBGA (Pb-Free)	94	0	0	None
PDIP	328	0	0	None
PDIP (Pb-Free)	617	0	0	None
PLCC	324	2	0.62%	PO Metal Crack-2
PLCC (Pb-Free)	280	1	0.36%	No visual defect-1
PQFP	49	0	0	None
PQFP (Pb-Free)	150	0	0	None
QFN (COL, Pb-Free)	150	0	0	None
QFN (Punch Type)	50	0	0	None
QFN (Punch Type, Pb-Free)	1,947	0	0	None
QFN (Saw Type, Pb-Free)	151	0	0	None
QSOP (Pb-Free)	199	0	0	None
SNC	200	0	0	None
SNC (Pb-Free)	149	0	0	None
SOIC	1,254	0	0	None
SOIC (Pb-Free)	1,223	0	0	None
SSOP	425	0	0	None
SSOP (Pb-Free)	3,159	5	0.16%	Passivation pinholes-5
SOIC (J lead)	415	0	0	None
SOIC (J lead, Pb-Free)	740	0	0	None
TQFP	625	0	0	None
TQFP (10x10)	50	0	0	None
TQFP (Pb-Free)	1,002	0	0	None
TQFP (Thermal, Pb-Free)	45	0	0	None
TSOP (Pb-Free)	245	0	0	None
TSOP I	49	0	0	None
TSOP I (Pb-Free)	423	0	0	None
TSOP II	668	0	0	None
TSOP II (Pb-Free)	3,939	0	0	None
RTSOP	50	0	0	None
RTSOP (Pb-Free)	248	0	0	None
TSSOP	523	0	0	None
TSSOP (Pb-Free)	954	0	0	None
<b>Grand Total</b>	<b>24,804</b>	<b>23</b>	<b>0.09%</b>	<b>See above</b>

### 3.2 HIGHLY ACCELERATED STRESS TEST (HAST)

Cypress uses HAST to accelerate temperature, humidity, bias failure mechanisms. This change was necessary because our package reliability had improved to the point where the old 85°C/85% R.H. Temperature-humidity-bias testing would not induce failures. Failures are necessary to judge progress and compare packaging changes. HAST testing has been shown to be at least twenty times more accelerated than 85°C/85% R.H. temperature-humidity-bias testing.

- Conditions** : Present Conditions: 130°C / 85% RH minimum power dissipation, for a minimum of 128 hours.
- Pre-Conditioning** : 5 cycles Temperature Cycles -65/+150, 24 hr Bake 125°C, Moisture loading to qualified MSL level
- Failure Modes** : Parametric shifts, high leakage, and/or catastrophic
- Failure Mechanism** : Die corrosion or contaminants such as foreign material on or within the package materials. Poor package sealing.

**Table 5. Highly Accelerated Stress Test (HAST) Failure Rate Summary**

Package	Sample Size	# Failed	Defects %	Failure Mode
FBGA (0.75-0.8)	511	6	1.17%	Die edge delam-6
FBGA (0.75-0.8, Pb-Free)	50	0	0	None
FBGA (1.0, Pb-Free)	288	0	0	None
VFBGA (0.75-0.8, 0.3mm)	438	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	424	0	0	None
PBGA (Heat Spreader)	47	0	0	None
PBGA (Pb-Free)	18	0	0	None
PDIP	150	0	0	None
PDIP (Pb-Free)	838	0	0	None
PLCC	327	0	0	None
PLCC (Pb-Free)	197	0	0	None
QFN (COL, Pb-Free)	90	0	0	None
QFN (Punch Type, Pb-Free)	1,299	0	0	None
QFN (Saw Type, Pb-Free)	76	0	0	None
QSOP (Pb-Free)	134	0	0	None
SNC	183	0	0	None
SNC (Pb-Free)	135	0	0	None
SOIC	925	0	0	None
SOIC (Pb-Free)	1,281	0	0	None
SSOP	452	0	0	None
SSOP (Pb-Free)	1,500	0	0	None
SOIC (J lead)	358	0	0	None
SOIC (J lead, Pb-Free)	687	0	0	None
TQFP	324	0	0	None
TQFP (10x10)	50	0	0	None
TQFP (Pb-Free)	723	0	0	None
TQFP (Thermal, Pb-Free)	44	0	0	None
TSOP (Pb-Free)	237	0	0	None
TSOP I	47	0	0	None
TSOP I (Pb-Free)	355	0	0	None
TSOP II	679	0	0	None
TSOP II (Pb-Free)	1,063	0	0	None
RTSOP	50	0	0	None
RTSOP (Pb-Free)	229	0	0	None
TSSOP	426	0	0	None
TSSOP (Pb-Free)	749	0	0	None
<b>Grand Total</b>	<b>15,384</b>	<b>6</b>	<b>0.04%</b>	<b>See above</b>



### 3.3 TEMPERATURE CYCLE TEST (TC)

Differences in thermal expansion coefficients are accentuated by cycling devices through temperature extremes. If the materials do not expand and contract equally, large stresses can develop. The Temperature Cycle test stresses mechanical integrity by exposing a device to alternating temperature extremes. Weakness and thermal expansion mismatches in die interconnections, die attach, and wire bonds are often detected with this acceleration test.

- Condition** : MIL-STD-883D, Method 1010, Condition B, -55°C to 125°C  
MIL-STD-883D, Method 1010, Condition C, -65°C to 150°C  
(Refer to Appendix C for derating factor calculation)
- Pre-Conditioning** : 5 cycles Temperature Cycles -65/+150, 24 hr Bake 125°C, Moisture loading to qualified MSL level
- Duration** : 300 cycles minimum at Condition C,  
1000 cycles minimum at Condition B
- Failure Mode** : Parametric shifts and catastrophic failures
- Failure Mechanism** : Wire bond, cracked or lifted die and package failure.

**Table 6. Temperature Cycling Failure Rate Summary**

Package	Sample Size	# Failed	Defects %	Failure Mode
CQFP (Pb-Free)	90	0	0	None
FBGA (0.75-0.8)	2,200	0	0	None
FBGA (0.75-0.8, Pb-Free)	521	0	0	None
FBGA (1.0)	2,399	0	0	None
FBGA (1.0, Pb-Free)	297	0	0	None
VFBGA (0.75-0.8, 0.3mm)	1,693	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	4,629	0	0	None
L2BGA (Pb-Free)	146	0	0	None
PGA	22	0	0	None
LCC (Pb-Free)	100	0	0	None
LCC (Windowed Plastic)	816	0	0	None
PBGA (1.27)	545	0	0	None
PBGA (Cavity/Heatsink)	340	0	0	None
PBGA (Pb-Free)	559	0	0	None
PDIP	1,400	0	0	None
PDIP (Pb-Free)	2,045	0	0	None
PLCC	1,080	0	0	None
PLCC (Pb-Free)	613	2	0.33%	Cut Wedge-2
PQFP	150	0	0	None
PQFP (Pb-Free)	550	0	0	None
QFN (COL, Pb-Free)	292	1	0.34%	Cut Wedge-1
QFN (Punch Type)	250	0	0	None
QFN (Punch Type, Pb-Free)	7,275	0	0	None
QFN (Saw Type, Pb-Free)	227	0	0	None
QSOP (Pb-Free)	1,340	0	0	None
SNC	441	0	0	None
SNC (Pb-Free)	400	0	0	None
SOIC	3,042	0	0	None
SOIC (Pb-Free)	5,914	1	0.02%	Cut Wedge-1
SSOP	1,574	2	0.13%	Cut/Cracked Wedge-2
SSOP (Pb-Free)	5,570	0	0	None
SOIC (J lead)	1,077	0	0	None
SOIC (J lead, Pb-Free)	3,152	0	0	None
TQFP	1,876	0	0	None
TQFP (10x10)	150	0	0	None
TQFP (Pb-Free)	5,137	0	0	None
TQFP (Thermal, Pb-Free)	314	0	0	None
TSOP (Pb-Free)	1,988	0	0	None
TSOP I	150	0	0	None
TSOP I (Pb-Free)	1,122	0	0	None
TSOP II	2,401	0	0	None
TSOP II (Pb-Free)	3,219	0	0	None
RTSOP	148	0	0	None
RTSOP (Pb-Free)	140	0	0	None
TSSOP	1,768	0	0	None
TSSOP (Pb-Free)	3,882	0	0	None
<b>Grand Total</b>	<b>73,044</b>	<b>6</b>	<b>0.01%</b>	<b>See above</b>

### 3.4 HIGH TEMPERATURE STORAGE (HTS)

A high-temperature, non-biased bake test is performed to determine the effect on devices of long-term storage at elevated temperatures without any electrical stresses applied. The devices are baked without bias at either 150°C or 165°C for plastic-packaged devices. The reliability at nominal system ambient temperature is related to the failure rate at elevated temperatures through the Arrhenius equation.

**Test** : High Temperature Storage (HTS)  
**Conditions** : High temperature non-biased bake  
**Duration** : A minimum of 500 hours tested up to 1000 hours at 150°C  
**Failure Mode** : Parametric shifts and catastrophic failures  
**Failure Mechanism** : Lifted ball bonds due to gross intermetallic growth

Table 7. High Temperature Storage Failure Rate Summary

Package	Sample Size	# Failed	Defects %	Failure Mode
CLCC	294	0	0	None
FBGA (0.75-0.8)	1,373	0	0	None
FBGA (0.75-0.8, Pb-Free)	280	0	0	None
FBGA (1.0)	407	0	0	None
FBGA (1.0, Pb-Free)	200	0	0	None
VFBGA (0.75-0.8, 0.3mm)	846	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	978	0	0	None
L2BGA (Pb-Free)	22	0	0	None
LCC (Windowed Plastic)	179	0	0	None
PBGA (1.27)	350	0	0	None
PBGA (Cavity/Heatsink)	200	0	0	None
PBGA (Pb-Free)	90	0	0	None
PDIP	709	0	0	None
PDIP (Pb-Free)	874	0	0	None
PGA	15	0	0	None
PLCC	660	0	0	None
PLCC (Pb-Free)	630	0	0	None
PQFP	100	0	0	None
PQFP (Pb-Free)	347	0	0	None
QFN (COL, Pb-Free)	100	0	0	None
QFN (Punch Type)	100	0	0	None
QFN (Punch Type, Pb-Free)	1,456	0	0	None
QSOP (Pb-Free)	444	0	0	None
SNC	250	0	0	None
SNC (Pb-Free)	250	0	0	None
SOIC	1,517	0	0	None
SOIC (Pb-Free)	2,170	0	0	None
SSOP	857	0	0	None
SSOP (Pb-Free)	1,947	0	0	None
SOIC (J lead)	926	0	0	None
SOIC (J lead, Pb-Free)	1,427	0	0	None
TQFP	921	0	0	None
TQFP (10x10)	100	0	0	None
TQFP (Pb-Free)	1,738	0	0	None
TSOP (Pb-Free)	751	0	0	None
TSOP I	100	0	0	None
TSOP I (Pb-Free)	625	0	0	None
TSOP II	977	0	0	None
TSOP II (Pb-Free)	1,008	0	0	None
RTSOP	100	0	0	None
TSSOP	839	0	0	None
TSSOP (Pb-Free)	2,154	0	0	None
<b>Grand Total</b>	<b>29,017</b>	<b>0</b>	<b>0</b>	<b>None</b>

## APPENDIX A: FAILURE RATE CALCULATION

### Thermal Acceleration Factors

Acceleration factors (AF) for thermal stresses (Early Failure Rate, Latent Failure Rate, Data Retention and High Temperature Storage) are calculated from the Arrhenius equation)

$$AF = \exp \left( \frac{E_a}{k} \left( \frac{1}{T_u} - \frac{1}{T_t} \right) \right)$$

where :

$E_a$  = Activation Energy of the defect mechanism

$K$  = Boltzmann's constant =  $8.62 \times 10^{-5}$  eV/Kelvin

$T_t$  is the junction temperature of the device under stress

$T_u$  is the junction temperature of the device at use conditions

While there is no substitute for experimentally determining the activation energy, obtaining this information is very difficult because few devices fail stress tests. In the absence of experimental data, the following literature values are used.

**APPENDIX A: FAILURE RATE CALCULATION (cont.)**

**Temperature-Humidity Acceleration Factors**

Cypress estimates acceleration factors for temperature-humidity stresses (Pressure Cooker Test and Highly Accelerated Stress Test) from a model developed by Hallberg and Peck (“Quality and Reliability Engineering International”. Vol. 7, 1991).

$$AF = \left( \frac{RH_t}{RH_u} \right)^{-3} \exp \frac{E_a}{k} \left( \left( \frac{1}{T_u} - \frac{1}{T_t} \right) \right)$$

where :

- T<sub>u</sub> = use environment junction temperature (°K)
- T<sub>t</sub> = test environment junction temperature (°K)
- E<sub>a</sub> = failure mechanism activation energy (0.9 for corrosion)
- k = Boltzman’s Constant (8.62 x 10<sup>-5</sup> eV/°Kelvin)
- RH<sub>u</sub> = use environment relative humidity
- RH<sub>t</sub> = test environment relative humidity
- AF = acceleration factor

The Hallberg and Peck model requires the stress junction temperature and relative humidity as well as the use temperature and relative humidity. To estimate the use relative humidity, we assume that the device room temperature is 35 °C (95 °F) and the room relative humidity is 100%. From any Handbook of Chemistry and Physics, the vapor pressure of water VP (water) at 35 °C is 41.175 mm Hg. If we assume that the device will operate with a junction temperature of 70 °C (VP (water) at 70 °C is 233.7 mm Hg), the junction relative humidity (RH<sub>j</sub>) is

$$RH_j = 100\% \left( \frac{41.175}{233.7} \right) = 17.6\%$$

The operating conditions of the devices are then 70 °C and 17.6% relative humidity.

Our Pressure Cooker Test (PCT) submits the devices to a temperature of 121 °C and 100% relative humidity. Using the Hallberg and Peck model, the acceleration factor for the PCT stress can be calculated:

$$AF = \left( \frac{17.6}{100} \right)^{-3} \exp \frac{0.9}{k} \left( \left( \frac{1}{343} - \frac{1}{394} \right) \right) = 9,433$$

### APPENDIX A: FAILURE RATE CALCULATION (cont.)

The acceleration factor for HAST is calculated similarly, except that junction temperature heating effects must be included when estimating the relative humidity at the die surface. Assuming an average junction temperature rise of 5°C, the relative humidity at the die surface during 130 C HAST testing can be calculated.

$$VP (130^{\circ}C) = 2026.10 \text{ mm Hg}$$

$$VP (135^{\circ}C) = 2347.26 \text{ mm Hg}$$

$$RH_j = 85\% \left( \frac{2026.10}{2347.26} \right) = 73.4\%$$

$$AF = \left( \frac{17.6}{73.4} \right)^{-3} \exp \frac{0.9}{k} \left[ \left( \frac{1}{343} - \frac{1}{408} \right) \right] = 9,261$$

Similarly, for 140°C HAST testing,

$$VP (140^{\circ}C) = 2710.92 \text{ mm Hg}$$

$$VP (145^{\circ}C) = 3116.76 \text{ mm Hg}$$

$$RH_j = 85\% \left( \frac{2710.92}{3116.76} \right) = 73.9\%$$

$$AF = \left( \frac{17.6}{73.9} \right)^{-3} \exp \frac{0.9}{k} \left[ \left( \frac{1}{343} - \frac{1}{418} \right) \right] = 17,433$$

**APPENDIX A: FAILURE RATE CALCULATION (cont.)**

**Failure Rate Calculation**

For all but LFR test, Cypress reports the failure rate in terms of ppm. Early life reliability is reported in terms of ppm defective expected during the first year of use under typical use conditions. No upper confidence bound will be used for this estimate. The ppm defective is the ratio of the number of rejects to the number of samples and expressed in ppm.

$$PPM = \left( \frac{\text{Total Rejects}}{\text{Total Samples}} \right) \times 1,000,000$$

Intrinsic, or later life reliability, shall be reported using the exponential model, in terms of FITs, with a 60% upper confidence bound for 0 failures or the demonstrated FIT estimate in the case there are failures.

$$FR (FIT) = \chi^2_{\alpha, 2n + 2} / (2 * AF * Device Hours) * 10^9$$

where:

$\chi^2_{\alpha, 2n + 2}$  = Chi square factor for 2n + 2 degrees of freedom at 60% confidence level.

n = number of failure.

AF = Thermal Acceleration factor and is calculated per Arrhenius equation assuming a 0.7eV activation energy.

Voltage acceleration factor is not included in failure rate calculation even though voltage acceleration may be used during stress. Typical use conditions shall be considered to be 55°C ambient with a 15°C temperature rise at the junction. Thus, use junction temperature is 70°C.

## APPENDIX B: TEMPERATURE CYCLING STRESS MODELS

Two acceleration factor (AF) models are used to model temperature cycle failures. The model proposed by Zelenka [1] and others uses the epoxy molding temperature ( $T_{\text{mold}} = 170 \text{ }^\circ\text{C}$ ) and the minimum temperature reached during temperature cycling, ( $T_{\text{min}}$ ).

$$AF_{\text{brittle}} = \left( \frac{T_{\text{mold}} - T_{\text{min, stress}}}{T_{\text{mold}} - T_{\text{min, stress}}} \right)^m$$

The model constant,  $m$ , is experimentally calculated for each failure mechanism. The acceleration factor is labeled 'brittle' because the derivation of this equation assumes brittle fracture mechanics. Basically, the model assumed that cracks advance a little every time the maximum stress is reached. The maximum stress is assumed to be proportional to the difference in temperature between the minimum and maximum stress temperatures. For plastic-encapsulated devices, the stress is minimum during molding, ( $T_{\text{mold}}$ ), and a maximum during the lowest temperature reached during temperature cycling, ( $T_{\text{min}}$ ).

The model constant,  $m$ , is a function of the failure mechanism.

Thin film cracking	$m = 12$ (Blish and Vaney [2])
Al/Au Intermetallic fractures	$m = 4$
Chip-out (cratering) bond failures	$m = 7$ (Dunn and McPherson [3])

For ductile materials, dislocation movement dominates the fracture mechanics and a different model is used.

The second, and most widely accepted model, use the difference between the minimum and maximum temperatures during temperature cycle testing ( $T_{\text{min}}$  and  $T_{\text{max}}$ ) to calculate an acceleration factor.

$$AF_{\text{ductile}} = \left( \frac{T_{\text{max, stress}} - T_{\text{min, stress}}}{T_{\text{max, use}} - T_{\text{min, use}}} \right)^m$$

The model constant, 'm', is again experimentally calculate for each failure mechanism.

Coffin and Manson [4] developed this model from empirical observations of metal fatigue. In ductile materials, if the applied stress is high enough, dislocation are produced. At the high temperature condition of the temperature cycling stress, dislocations are forced towards one metal surface. At the low temperature, the dislocations try to glide back to their original position, but many cannot because they became entangled with other dislocations. After many cycles, these tangles grow until cracking, and finally failure, occurs. Both minimum and maximum temperatures are important, because both contribute to dislocation movement and entanglement. This model is recommended for any failures involving ductile materials. Model constants for ductile failure mechanism follow.

Wirebond breakage	$m = 5.16$ (Cypress experimentation)
Solder Fatigue	$m = 2$ (Blish and Vaney [2])

**APPENDIX B: TEMPERATURE CYCLING STRESS MODELS (cont.)**

Our commercial devices are specified to operate between 0°C and 70 °C. Using this information, the acceleration factor, AF, between use and Military Condition C stress testing (-65°C to 150°C), for the brittle, thin film cracking failure mechanism and ductile, wire bond breakage failure mechanism can be calculated.

$$\text{AF brittle} = \left( \frac{170 - (-65)}{170 - 0} \right)^{12} = 49$$

$$\text{AF ductile} = \left( \frac{150 - (-65)}{70 - 0} \right)^{5.16} = 327$$

References:

- [1] R.L. Zelenka, IEEE/IRPS, pp. 30-34, 1991
- [2] R.C. Blish and P.R. Vaney, IEEE/IRPS, pp 22-29, 1991
- [3] C.F. Dunn and J.W. McPherson, IEEE/IRPS, pp 252-258, 1990
- [4] S.S. Manson, thermal Stress and Low-Cycle Fatigue, (Robert Krieger : Malabar, Florida), 1981.



## APPENDIX C: EQUIVALENCE OF DIFFERENT STRESS TEST CONDITIONS

During stress testing, more than one set of test conditions were used. To account for this difference, stress test hours or cycles at the lower stress condition were derated and then added to the total for the most severe stress test condition.

### Dynamic (HTOL)

HTOL (EFR/LFR) test is performed at 150 °C and 125 °C. Using the Arrhenius equation (Appendix A) and an activation energy of 0.7 eV, the derating factor, DF, between 125°C and 150 °C can be calculated.

$$DF \text{ (between 125C and 150C)} = \exp \left( \frac{0.6}{k} \left( \frac{1}{150 + 15 + 273} - \frac{1}{125 + 15 + 273} \right) \right) = 0.326$$

Derating calculation assumes a 15 °C rise due to junction heating.

### Temperature Cycling

Two different temperature cycling conditions were used to measure reliability, -65°C to 150°C and -55°C to 125°C. Using the brittle failure mechanism model with m = 12, the derating factor between -65°C to 150°C and -55°C to 125°C is calculated.

$$DF = \left( \frac{170 - (-55)}{170 - (-65)} \right)^{12} = 1.685$$

Using the ductile failure mechanism model with m = 5.16, the derating factor between -65°C to 150°C and -55°C to 125°C is obtained.

$$DF = \left( \frac{125 - (-55)}{150 - (-65)} \right)^{5.16} = 2.501$$

### HAST

The derating factor between two HAST conditions, 140 °C / 85%RH and 130 °C / 85% RH is simply the ratio of the acceleration factors (See Appendix A)

$$DF = \frac{9,261}{17,433} = 0.531$$

## APPENDIX D: RELIABILITY DATA

### Summary Detail -- EFR Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Technology	Division	EvalNum	TV	Device	Temp	Volt	Readout	SS	Rejects	FA	Results
B53	CCD	MR063079	R1	CY7B993V-2AC	150	2.3	96	300	0		
	DCD	MR071065	R1	CY7B993V-2AXC	125	4.2	96	300	0		
	CCD	MR064035	R1	CY7B994V-5AI	125	4.2	96	300	0		
<b>Summary for Technology = B53 (3 records)</b>								<b>900</b>	<b>0</b>		
<b>Sum</b>											
C8	CCD	61302	R1A	CY7C68053	125	3.3	96	540	0		
	CCD	61302	R1A1	CY7C68053-56PVXI	125	3.3	96	500	0		
	DCD	61603	1	7C07100AC-RABZI	125	3.8	96	483	0		
	DCD	61603	3	7C07100AC-RABZI	125	3.8	96	285	0		
	DCD	61603	1(1)	7C07100AC-RABZI	125	3.8	96	296	0		
	DCD	61603	1(2)	7C07100AC-RABZI	125	3.8	96	24	0		
	DCD	61603	3(1)	7C07100AC-RABZI	125	3.8	96	193	0		
	MID	62305	R1	CY7C68013A-56PVXC	125	3.8	96	569	0		
	MID	62305	R1A	CY7C68013A-56PVXC	125	3.8	124	430	0		
	CCD	63803	R4	CYK256K16SCBU-70BVXI	125	3.8	96	1283	0		
	CCD	63803	R5	CYK256K16SCBU-70BVXI	125	3.8	96	902	0		
	CCD	63803	R6	CYK256K16SCBU-70BVXI	125	3.8	96	641	0		
	CCD	63803	R8	CYK256K16SCBU-70BVXI	125	3.8	96	300	0		
	CCD	MR063108	R1	CY7C68300B-56PVXC	125	3.8	96	299	0		
	<b>Summary for Technology = C8 (14 records)</b>								<b>6745</b>	<b>0</b>	
<b>Sum</b>											
C9	DCD	62004	2	7C76046AC-GBBC	125	1.38	96	46	0		
	DCD	62004	3	7C76046AC-GBBC	125	1.38	96	231	0		
	DCD	62004	2(1)	7C76046AC-GBBC	125	1.38	96	74	0		
	MID	63807	R1	CY7C1021DV33	150	3.77	48	3392	1	063807-1E1	1-Particle Defect
	DCD	64204	2	7C08632AC-GBYCB	125	2.14	96	429	0		
	MID	64508	R1A	CY7C1041DV33	150	3.77	48	1077	0		
	MID	64508	R1B	CY7C1041DV33	150	3.77	48	1099	0		
	MID	64508	R2A	CY7C1041DV33	150	3.77	48	1661	0		
	MID	64508	R2B	CY7C1041DV33	150	3.77	48	1660	0		
	MID	64508	R3A	CY7C1041DV33	150	3.77	48	1691	0		
	MID	64508	R3B	CY7C1041DV33	150	3.77	48	1725	0		
	MID	MR063099	R1	CY7C1041DV33-10ZSXI	150	3.77	48	1169	0		
	MID	MR063100	R1	CY7C1041DV33-10ZSXI	150	3.77	48	1170	0		
	MID	MR063123	R1	CY7C1041DV33-10ZSXI	150	3.77	48	2671	17	MR063123-1E1	17-Particle Defect and LI Bridging
	MID	MR063126	R1	CY7C1041DV33-10ZSXI	150	3.77	48	2966	2	MR063126-1E1	2-Particle Defect and LI Bridging
	MID	MR063128	R1	CY7C1041DV33-10ZSXI	150	3.77	48	1181	2	MR063128-1E1	2-Particle Defect and LI Bridging
	MID	MR064094	R1	7C1321NC-RZWI	150	3.77	48	2359	0		
	MID	MR064095	R1	7C1321NC-RZWI	150	3.77	48	2590	0		
	MID	MR064096	R1	7C1341NC-RZWI	150	3.77	48	3688	0		
	MID	MR064097	R1	7C1541NC-RZWIB	150	4.3	48	1797	0		
<b>Summary for Technology = C9 (20 records)</b>								<b>32676</b>	<b>22</b>		
<b>Sum</b>											
CMOS2AN	DCD	54004	R1	VIC068B-UM	150	5.75	48	18	0		
	DCD	54004	R1A	VIC068B-UM	150	5.75	48	125	0		
	DCD	54004	R1B	VIC068B-UM	150	5.75	48	175	0		
	DCD	54004	R1C	VIC068B-UM	150	5.75	48	4	0		
	DCD	54004	R1D	VIC068B-UM	150	5.75	48	189	0		
	DCD	54004	R1E	VIC068B-UM	150	5.75	48	124	0		
	DCD	54004	R2	VIC068B-UM	150	5.75	48	288	0		
	DCD	54004	R3	VIC068B-UM	150	5.75	48	185	0		
<b>Summary for Technology = CMOS2AN (8 records)</b>								<b>1108</b>	<b>0</b>		
<b>Sum</b>											

I8	MPD	50708	R1	CYIHDEC9000AA	150	3.8	48	53	0
<b>Summary for Technology = I8 (1 record)</b>									
<b>Sum</b>								<b>53</b>	<b>0</b>
L28	CCD	MR063078	R1	CY2292FZXT	150	3.8	48	300	0
<b>Summary for Technology = L28 (1 record)</b>									
<b>Sum</b>								<b>300</b>	<b>0</b>
L8	CCD	53301	2	7C850003BC-MSZC	150	2.35	48	531	0
	CCD	53301	3	7C850003BC-MSZC	150	2.35	48	500	0
	CCD	53301	2(1)	7C850003BC-MSZC	150	2.35	48	530	0
	CCD	53408	1	7C870442AC-LLYC	150	2.35	48	339	0
	CCD	53408	2	7C870442AC-LLYC	150	2.07	48	355	0
<b>Summary for Technology = L8 (5 records)</b>									
<b>Sum</b>								<b>2255</b>	<b>0</b>
P26	CCD	MR063088	R1	CY7C64013A-SXC	150	5.5	60	299	0
<b>Summary for Technology = P26 (1 record)</b>									
<b>Sum</b>								<b>299</b>	<b>0</b>
POWER 165	MID	MR063072	R1	CYK512K16SCCAU-70BAI	125	4.5	120	299	0
	MID	MR064070	R1	CYK256K16MCBU-70BVXI	125	3.8	96	300	0
<b>Summary for Technology = POWER 165 (2 records)</b>									
<b>Sum</b>								<b>599</b>	<b>0</b>
PROMOS S12	MID	61204	R3	CYU01M16SCEU-BXI	125	2	84	3101	0
	MID	MR063130	R1	CYU01M16SFCU	125	2	96	3119	0
<b>Summary for Technology = PROMOS S12 (2 records)</b>									
<b>Sum</b>								<b>6220</b>	<b>0</b>
R21	MID	MR063067	R1	CY7C128A-15PC	150	5.75	48	292	0
	MID	MR063082	R1	CY7C128A-45PC	150	5.75	48	300	0
<b>Summary for Technology = R21 (2 records)</b>									
<b>Sum</b>								<b>592</b>	<b>0</b>
R28	MID	MR061054	R1	CY7C185-15VC	150	5.75	60	200	0
	DCD	MR062066	R1	CY7C433-10JXC	150	5.75	48	300	0
	DCD	MR063116	R1	CY7C146-55JXC	150	7	48	300	0
<b>Summary for Technology = R28 (3 records)</b>									
<b>Sum</b>								<b>800</b>	<b>0</b>
R42	MID	MR062043	R1	CY7C199-25VC	150	5.75	48	300	0
	MID	MR062052	R1	CY7C199-15ZXC	150	5.75	48	300	0
	MID	MR063070	R1	CY62256LL-70ZXC	125	5.75	96	300	0
	MID	MR063081	R1	CY7C199-25VC	150	5.75	48	300	0
	DCD	MR063110	R1	CY7C9689A-AXC	125	5.75	96	295	0
<b>Summary for Technology = R42 (5 records)</b>									
<b>Sum</b>								<b>1495</b>	<b>0</b>
R5	DCD	62201	R1A	CYDMX256A16-90BVXI	125	3.45	96	193	0
	DCD	62201	R1B1	CYDCX256A16-90AXI	150	3.45	48	394	0
	DCD	62201	R1B2	CYDCX256A16-90AXI	150	3.45	48	91	0
	DCD	62201	R1C	CYDCX256A16-90AXI	150	3.45	48	400	0
	MID	MR061023	R1	CY62128BLL-70ZAXE	150	2.3	48	80	0
	MID	MR061070	R1	CY62128BLL-70ZAXE	150	5.75	24	297	0
	MID	MR062045	R1	CY62128BLL-55SXI	150	5.75	60	300	0
	MID	MR062046	R1	CY7C109B-15VC	150	3.8	48	300	0
	MID	MR062048	R1	CY7C1399B-12VC	150	3.8	48	300	0
	MID	MR063042	R1	CY7C199-20VXC	150	3.8	48	300	0
	MID	MR063055	R1	CY62128BLL-70SCT	150	5.75	48	300	0
	MID	MR063063	R1	CY7C109B-15VC	150	3.8	48	288	0
	MID	MR063064	R1	CY7C199B-12VC	150	3.8	60	300	0
<b>Summary for Technology = R5 (13 records)</b>									
<b>Sum</b>								<b>3543</b>	<b>0</b>
R7	MID	64901	R1	CY7C1020CV26	150	2.3	24	2871	0
	MID	64901	R1	CY7C1020CV26	150	2.3	48	2870	0
	MID	64901	R1A	CY7C1020CV26	150	2.3	24	3154	0
	MID	64901	R1A	CY7C1020CV26	150	2.3	48	3151	0
	MID	64901	R1B	CY7C1020CV26	150	2.3	24	2925	0
	MID	64901	R1B	CY7C1020CV26	150	2.3	48	2902	0

MID	64901	R2	CY7C1020CV26	150	2.3	24	3246	0			
MID	64901	R2	CY7C1020CV26	150	2.3	48	3224	0			
MID	64901	R2A	CY7C1020CV26	150	2.3	24	3521	0			
MID	64901	R2A	CY7C1020CV26	150	2.3	48	3473	0			
MID	64901	R2B	CY7C1020CV26	150	2.3	24	3549	0			
MID	64901	R2B	CY7C1020CV26	150	2.3	24	3549	0			
MID	64901	R2B	CY7C1020CV26	150	2.3	24	3550	0			
MID	MR053054	R1	CY7C1021CV33-12VI	150	5.5	48	300	0			
MID	MR062036	R1	CY7C1021GC-RZSC	150	2.3	48	300	0			
MID	MR062042	R1	CY7C1019CV33-15VC	150	2.3	48	300	0			
MID	MR062055	R1	CY7C1041CV33-15VI	150	2.3	60	300	0			
MID	MR062092	R1	CG5988AF	150	3.8	48	589	0			
MID	MR062093	R1	CG5988AF	150	3.8	48	801	0			
MID	MR062094	R1	CG5988AF	150	3.8	48	1370	0			
MID	MR062095	R1	CG5988AF	150	3.8	48	784	0			
MPD	MR063021	R1	CY7C1021CV33-10ZXC	150	2.3	48	300	0			
MID	MR063041	R1	CY7C1041CV33-10ZI	150	3.8	48	300	0			
MID	MR063073	R1	CY7C1020CV33-15ZSXE	150	2.3	24	298	0			
MID	MR063073	R1	CY7C1020CV33-15ZSXE	150	2.3	24	298	0			
MID	MR063073	R1	CY7C1020CV33-15ZSXE	150	2.3	24	298	0			
MID	MR064018	R1	CY7C1020CV26-15ZSXE	150	5.5	48	3174	0			
MID	MR064018	R1A	CY7C1020CV26-15ZSXE	150	5.5	48	3792	0			
MID	MR064018	R1B	CY7C1020CV26-15ZSXE	150	5.5	48	3857	0			
MID	MR071012	R1	CY7C1021CV33-15VXC	150	2.3	60	300	0			
MID	MR071014	R1	CY7C1041CV33-15VXC	150	2.3	60	298	0			
MID	MR071074	R1	CY7C1021CV33-10ZXI	150	2.75	24	187	0			
MID	MR071074	R2	CY7C1021CV33-10ZXI	150	2.75	24	179	0			
MID	MR071074	R3	CY7C1021CV33-10ZXI	150	2.75	24	166	0			
MID	MR071074	R4	CY7C1021CV33-10ZXI	150	2.75	24	179	0			
MID	MR071074	R5	CY7C1021CV33-10ZXI	150	2.75	24	104	0			
MID	MR071074	R6	CY7C1021CV33-10ZXI	150	2.75	24	127	0			
MID	MR071074	R7	CY7C1021CV33-10ZXI	150	2.75	24	50	0			
MID	MR071074	R8	CY7C1021CV33-10ZXI	150	2.75	24	27	0			
MID	MR071074	R9	CY7C1021CV33-10ZXI	150	2.75	24	22	0			
<b>Summary for Technology = R7 (40 records)</b>											
<b>Sum</b>								<b>60685</b>	<b>0</b>		
R8	MID	62305	R2A	CY62157DV30LL	125	2.4	96	2665	0		
	MID	62305	R2B	CY62157DV30LL	125	2.4	96	875	0		
	MID	63901	R1	CY62167DV30LL	125	2.4	96	1540	1	063901-1E1	1-SAC distance <100A (ZIJ-07)
	MID	63901	R2	CY62167DV30LL	125	2.4	96	961	0		
	MID	63901	R3	CY62167DV30LL	125	2.4	96	996	0		
	MID	MR062037	R1	CY62128DV30LL-70SI	150	2.4	48	300	0		
	MID	MR062051	R1	CY62147DV18LL-70BVI	125	2.4	96	300	0		
	MID	MR062056	R1	CY62147DV30L-55ZSXI	125	2.4	96	300	0		
	MID	MR063071	R1	CY62146DV30LL-55ZSX	125	2.4	96	299	0		
	MID	MR063077	R1	CY62147DV30LL-55BVI	125	2.4	96	300	0		
	MID	MR063083	R1	CY62147DV30LL-70ZSXI	150	2.4	48	300	0		
	MID	MR064039	R1	CY62157DV30LL-45ZSXI	125	2.4	96	299	0		
	MID	MR064040	R1	CY62147DV30LL-70BVI	125	1.85	96	297	0		
	MID	MR064041	R1	CY62157DV30LL-55BVI	125	1.85	80	299	0		
	MID	MR071020	R1	CY62146DV30LL-70ZSXI	125	2.4	108	299	0		
<b>Summary for Technology = R8 (15 records)</b>											
<b>Sum</b>								<b>10030</b>	<b>1</b>		
R9	MID	62604	R2	CY7C1370D	150	2.7	48	1957	0		
	MID	62604	R3	CY7C1370D	150	2.7	48	1269	0		
	MID	62604	R3(1)	CY7C1370D	150	2.7	48	1225	0		
	MID	62604	R4	CY7C1370D	150	2.7	48	1291	0		
	MID	62604	R5	CY7C1370D	150	2.7	48	2534	0		
	MID	62605	R1A	CY7C1360C	150	2.7	48	932	0		
	MID	62605	R1B	CY7C1360C	150	2.7	48	1882	0		
	MID	62605	R1C	CY7C1360C	150	2.7	48	2864	0		

MID	62605	R1D	CY7C1360C	150	2.7	48	2919	0
MID	62605	R2	CY7C1360C	150	2.7	48	1935	0
MID	MR061072	R1	CY7C1347G-133AXI	150	2.3	48	3342	0
MID	MR061073	R1	CY7C1339G-200AXC	150	2.3	48	1060	0
MID	MR061074	R1	CY7C1327G	150	2.3	48	1190	0
MID	MR061075	R1	CY7C1382D-167AXC	150	2.3	48	1263	0
MID	MR061076	R1	CY7C1382D-167AXC	150	2.3	48	2050	0
MID	MR061077	R1	CY7C1382D-167AXC	150	2.3	48	735	0
MID	MR061079	R1	CY7C1370	150	2.3	48	1964	0
MID	MR061080	R1	CY7C1370EC	150	2.25	48	2493	0
MID	MR061081	R1	CY7C1370EC	150	2.25	48	1291	0
MID	MR061082	R1	CY7C1370EC	150	3.8	48	2534	0
MID	MR062054	R1	CY7C1347C-133AXC	150	2.25	60	299	0
MID	MR062054	R1	CY7C1347C-133AXC	150	2.25	12	300	0
MID	MR062077	R1	CY7C13600	150	2.25	48	2863	0
MID	MR062078	R1	CY7C13600	150	2.25	48	2915	0
MID	MR062083	R1	CY7C13600	150	2.25	48	932	0
MID	MR062084	R1	CY7C13600	150	2.25	48	1876	0
MID	MR062085	R1	CY7C13600	150	2.25	48	1938	0
MID	MR063004	R1	CY7C1370	150	2.3	48	3384	0
MID	MR063005	R1	CY7C1370	150	2.3	48	2586	0
MID	MR063006	R1	CY7C1354CV25-166AXC	150	2.88	48	3511	0
MID	MR063093	R1	CY7C1354CV25-166AXC	150	2.88	48	3510	0
MID	MR063121	R1	CY7C1313BV18	150	2.25	48	1173	0
MID	MR064086	R1	CY7C1370	150	2.25	48	203	0
MID	MR064087	R1	CY7C1370	150	2.25	48	455	0
MID	MR064088	R1	CY7C1370	150	2.25	48	137	1
MID	MR064089	R1	CY7C1370	150	2.25	48	606	0
MID	MR064090	R1	CY7C1370	150	2.25	48	860	0
MID	MR064091	R1	CY7C1370	150	2.25	48	1005	0
MID	MR064092	R1	CY7C1370	150	2.25	48	2172	0
MID	MR064093	R1	CY7C13830	150	2.25	48	4978	0

Summary for Technology = R9 (40 records)

Sum

R95	MID	54909	R1	CY62157EV	125	1.85	96	606	1	054909-1L1	1-No visual defect
	MID	61502	R2A	CY62127EV30LL	125	1.85	96	2936	0		
	MID	61502	R2B	CY62127EV30LL	125	1.85	96	1440	0		
	MID	61805	R2	CY62126EV30LL-45ZSXI	125	1.85	48	3928	0		
	MID	61805	R2A	CY62126EV30LL-45ZSXI	125	1.85	48	3811	0		
	MID	61805	R2B	CY62126EV30LL-45ZSXI	125	1.85	48	2901	0		
	MID	61805	R2C	CY62126EV30LL-45ZSXI	125	1.85	48	1002	0		
	MID	61806	R1A	CY62147EV30	150	1.85	24	2075	0		
	MID	61806	R1B	CY62147EV30	150	1.85	24	2075	0		
	MID	61806	R1C	CY62147EV30	150	1.85	24	1048	0		
	MID	61806	R1D	CY62147EV30	150	1.85	24	1027	0		
	MID	61806	R1F	CY62147EV30	150	1.85	24	1000	0		
	MID	61806	R1G	CY62147EV30	150	1.85	24	575	0		
	MID	62206	R1	7C62137GC-GBZI	125	1.85	96	1519	0		
	MID	64401	R1	CY62126EV30LL	125	1.85	96	1458	0		
	MID	64401	R2	CY62126EV30LL	125	1.85	96	3700	0		
	MID	64401	R3	CY62126EV30LL	125	1.85	96	2858	0		
	MID	64504	R1	CY62157EV30	125	1.85	96	1315	0		
	MID	64504	R2A	CY62157EV30	125	1.85	96	1545	0		
	MID	64504	R2B	CY62157EV30	125	1.85	96	300	0		
	MID	64504	R3	CY62157EV30	125	1.85	96	1390	0		
	MID	71103	R2	CY62157EV30LL	125	5.5	48	1410	0		
	MID	71103	R2A	CY62157EV30LL	125	1.85	48	1497	0		
	MID	71103	R2B	CY62157EV30LL	125	1.85	48	1535	0		
	MID	71103	R3	CY62157EV30LL	125	1.85	48	1427	0		
	MID	71103	R3A	CY62157EV30LL	125	1.85	48	1469	0		
	MID	71103	R3B	CY62157EV30LL	125	1.85	48	1386	0		

MR064088-1E1 1-No visual defect

MID	71103	R4	CY62157EV30LL	125	1.85	48	1490	0	
MID	71103	R4A	CY62157EV30LL	125	1.85	48	1400	0	
MID	71103	R4B	CY62157EV30LL	125	1.85	48	1444	0	
MID	71302	R1	CY62167EV30	125	1.85	96	1909	0	
MID	71302	R2	CY62167EV30	125	1.85	96	1833	0	
MID	MR062075	R1	CY62147	125	1.85	96	2286	0	
MID	MR062076	R1	CY7C62147	125	1.85	96	2461	0	
MID	MR062087	R1	CY62147	125	1.85	96	2496	0	
MID	MR062088	R1	CY62147FC-RZWI	125	1.85	96	2438	0	
MID	MR063095	R1	7C62146FC-RZWIB	125	1.85	96	1311	0	
MID	MR063096	R1	CY62146VLL	125	1.85	96	2435	0	
MID	MR063097	R1	7C62146FC-RZWIB	125	1.85	96	1301	0	
MID	MR063098	R1	CY62146VLL	125	1.85	96	2609	0	
MID	MR063124	R1	7C62146FC-RZWIB	125	1.85	96	1227	0	
MID	MR063125	R1	CY62148EV30LL	125	1.85	96	1280	0	
MID	MR064064	R1	CY62146EV30L	125	2.4	96	4800	0	
<b>Summary for Technology = R95 (43 records)</b>									
<b>Sum</b>								<b>79953</b>	<b>1</b>
S12	MID	MR063102	R1	CYU01M16SCCU	125	2	96	1418	0
<b>Summary for Technology = S12 (1 record)</b>									
<b>Sum</b>								<b>1418</b>	<b>0</b>
S4	MID	54504	R1	CY0NS1001-LBXC	100	4.2	96	250	0
	MID	54504	R4	CY02S1001AT-RLB	55	4.2	168	359	0
	CCD	60208	R1	CY8C20334-PVXI	125	5.5	96	180	0
	CCD	60208	R1A	CY8C20334-PVXI	125	5.5	96	820	0
	CCD	60605	R1A	CY8C24494-24PVXT	125	5.5	96	751	0
	CCD	60605	R1B	CY8C24494-24PVXT	125	5.5	96	254	0
	CCD	60605	R2A	CY8C24494-24PVXI	125	5.5	96	501	0
	CCD	60605	R2B	CY8C24494-24PVXI	125	5.5	96	248	0
	CCD	60605	R2C	CY8C24494-24PVXI	125	5.5	96	249	0
	CCD	60605	R2D	CY8C24494-24PVXI	125	5.5	96	146	0
	CCD	60605	R3A	CY8C24494-24PVXT	125	5.5	96	153	0
	CCD	60605	R3B	CY8C24494-24PVXT	125	5.5	96	150	0
	CCD	60605	R3C	CY8C24494-24PVXT	125	5.5	120	151	0
	CCD	60605	R3D	CY8C24494-24PVXT	125	5.5	96	231	0
	CCD	60605	R3E	CY8C24494-24PVXT	125	5.5	96	148	0
	CCD	60605	R3F	CY8C24494-24PVXT	125	5.5	96	74	0
	CCD	62509	R1	CY8C21534-24PVXI	125	5.5	96	1000	0
	CCD	63002	R2	CY8C24423A-PVXI	125	3.3	96	665	0
	CCD	63002	R2A	CY8C24423A-PVXI	125	3.3	96	334	0
	CCD	63003	R1	CY8C24423A-24FVXI	150	5.75	48	990	0
	CCD	63003	R2	CY8C24423A-24PVXI	150	5.5	96	998	0
	CCD	63003	R4	CY8C24423A-24PVXI	125	5.5	96	1693	0
	CCD	63003	R5	CY8C24423A-24FVXI	125	5.5	96	1396	0
	CCD	64201	R1	CY0NS1001-LBXC	125	4.2	72	348	0
	CCD	65001	R1A	CY7C63813-PXC	125	5.5	96	403	0
	CCD	70301	R1A	CY8C21534-24PVXI	125	5.5	96	400	0
	CCD	70301	R1B	CY8C21534-24PVXI	125	5.5	96	298	0
	CCD	70301	R1C	CY8C21534-24PVXI	125	5.5	96	400	0
	CCD	70501	R1	CS6632AF	125	5.75	96	399	0
	CCD	MR063001	R1	CY7C60323-PVXC	125	5.5	96	300	0
	CCD	MR063002	R1	CY8C9520-24PVXI	125	5.5	96	300	0
	CCD	MR063103	R1	CY8C24494-24PVXI	125	5.5	96	251	0
	CCD	MR063103	R1A	CY8C24494-24PVXI	125	5.5	96	252	0
	CCD	MR063114	R1	CY8C21534-24PVXI	125	5.5	96	300	0
	CCD	MR063129	R1	CY8C21534-24PVXI	150	2.3	96	524	0
	CCD	MR064019	R1	CY8C21234-24SXI	125	5.5	96	350	0
	CCD	MR064019	R1A	CY8C21234-24SXI	125	5.5	96	215	0
	CCD	MR064036	R1	CY8C21334-24PVXI	125	5.5	96	300	0
	CCD	MR064037	R1	CY8C21234-24SXI	125	5.5	96	380	0
	CCD	MR064050	R1	CP6458BM-TSPI	125	5.5	96	300	0

	CCD	MR064098	R1	CY8C21234-24SXC	125	5.5	96	550	0
<b>Summary for Technology = S4 (41 records)</b>									
<b>Sum</b>									
SRT2NNDF	CCD	63210	R1	CY8C27443-24PVXI	125	5.5	96	1031	0
<b>Summary for Technology = SRT2NNDF (1 record)</b>									
<b>Sum</b>									
STARM	DCD	MR062065	R1	CY7B992-2JC	125	6.6	96	300	0
	CCD	MR063109	R1	CY7B991AT-5JI	125	6.6	96	300	0
<b>Summary for Technology = STARM (2 records)</b>									
<b>Sum</b>									
TSMC025	DCD	70504	R1C	CYV15G0101EQ-SXC	125	3.8	96	367	0
<b>Summary for Technology = TSMC025 (1 record)</b>									
<b>Sum</b>									
UMC 0.18	DCD	60803	R2	CYV15G0101EQ-SXC	125	3.8	48	354	0
	DCD	60803	R2	CYV15G0101EQ-SXC	125	3.8	96	353	0
	DCD	60803	R2(1)	CYV15G0101EQ-SC	125	3.8	96	500	0
	DCD	63804	R1A	CYV15G010EQ	125	3.8	96	354	0
	DCD	63804	R1B	CYV15G010EQ	125	3.8	96	369	0
	DCD	63804	R1B(1)	CYV15G010EQ	125	3.8	96	369	0
	DCD	63804	R1C	CYV15G010EQ	125	3.8	96	380	0
<b>Summary for Technology = UMC 0.18 (7 records)</b>									
<b>Sum</b>									

2679 0



Summary Detail -- LFR Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Technology	Division	EvalNum	TV	Device	Temp	Volt	Readout	SS	Rejects	FA	Results	
B53	CCD	MR063079	R1	CY7B993V-2AC	150	2.3	168	299	0			
	CCD	MR064035	R1	CY7B994V-5AI	125	4.2	168	298	0			
	CCD	MR064035	R1	CY7B994V-5AI	125	4.2	1000	298	0			
<b>Summary for Technology = B53 (3 records)</b>								<b>895</b>	<b>0</b>			
<b>Sum</b>												
C8	MID	62305	R1	CY7C68013A-56PVXC	125	3.8	192	179	0			
	MID	62305	R1	CY7C68013A-56PVXC	125	3.8	1000	179	0			
	CCD	63803	R4	CYK256K16SCBU-70BVXI	125	3.8	500	200	0			
	CCD	63803	R5	CYK256K16SCBU-70BVXI	125	3.8	500	200	0			
	CCD	MR063108	R1	CY7C68300B-56PVXC	125	3.8	168	299	0			
	CCD	MR063108	R1	CY7C68300B-56PVXC	125	3.8	1000	286	0			
	CCD	61302	R1A	CY7C68053-56BAXI	125	3.3	168	180	0			
	CCD	61302	R1A	CY7C68053-56BAXI	125	3.3	1000	180	0			
	DCD	61603	1	7C07100AC-RABZI	125	3.8	168	178	0			
	DCD	61603	3	CYWB0124AB-BVXIES	125	3.8	168	77	0			
<b>Summary for Technology = C8 (10 records)</b>								<b>1958</b>	<b>0</b>			
<b>Sum</b>												
C9	MID	64102	R4	CY7C1051DV33-10ZSXES	125	3.77	160	200	0			
	DCD	62004	2	7C76046AC-GBBC	125	1.38	168	46	0			
	DCD	62004	2	7C76046AC-GBBC	125	1.38	500	46	0			
	DCD	62004	2	7C76046AC-GBBC	125	1.38	1000	42	0			
	DCD	62004	3	7C76046AC-GBBC	125	1.38	168	123	0			
	DCD	62004	3	7C76046AC-GBBC	125	1.38	500	115	0			
	DCD	62004	3	7C76046AC-GBBC	125	1.38	1000	115	0			
	DCD	62004	2(1)	7C76046AC-GBBC	125	1.38	168	71	0			
	DCD	62004	2(1)	7C76046AC-GBBC	125	1.38	500	70	0			
	DCD	62004	2(1)	7C76046AC-GBBC	125	1.38	1000	64	0			
	DCD	52303	1	7C76046AC-GBBC	125	1.45	1000	115	0			
	DCD	62004	1	7C76046AC-GBBC	125	1.45	1000	115	0			
	DCD	62004	6	7C76046AC-GBBC	125	1.38	500	198	1	062004-6L2	1-NVD	
	DCD	53304	2	7C08632AC-GBYCB	125	2.14	168	178	0			
	DCD	53304	2	7C08632AC-GBYCB	125	2.14	500	178	0			
	DCD	64204	2	7C08632AC-GBYCB	125	2.14	168	178	0			
DCD	64204	2	7C08632AC-GBYCB	125	2.14	500	178	0				
<b>Summary for Technology = C9 (19 records)</b>								<b>2032</b>	<b>1</b>			
<b>Sum</b>												
CMOS2AN	DCD	54004	R1A	VIC068B-UM	150	5.75	80	76	0			
	DCD	54004	R1A	VIC068B-UM	150	5.75	500	75	0			
<b>Summary for Technology = CMOS2AN (2 records)</b>								<b>151</b>	<b>0</b>			
<b>Sum</b>												
E30	DCD	MR054057	R1A	CY37128P84	150	5.75	500	139	0			
<b>Summary for Technology = E30 (1 record)</b>								<b>139</b>	<b>0</b>			
<b>Sum</b>												
I8	MID	50708	R1	CYIHDEC9000AA	150	3.8	500	50	0			
<b>Summary for Technology = I8 (1 record)</b>								<b>50</b>	<b>0</b>			
<b>Sum</b>												
L28	CCD	MR063078	R1	CY2292FZXT	150	3.8	80	300	0			
	CCD	MR063078	R1	CY2292FZXT	150	3.8	500	300	0			
<b>Summary for Technology = L28 (2 records)</b>								<b>600</b>	<b>0</b>			
<b>Sum</b>												
L8	CCD	53301	3	7C850003BC-MSZC	150	2.35	80	120	0			
	CCD	53301	3	7C850003BC-MSZC	150	2.35	500	120	0			
	CCD	53408	1	7C870442AC-LLYC	150	2.35	80	120	0			
	CCD	53408	1	7C870442AC-LLYC	150	2.35	160	120	0			
	CCD	53408	1	7C870442AC-LLYC	150	2.35	500	120	0			



	CCD	53408	2	7C870442AC-LLYC	150	2.07	80	120	0
	CCD	53408	2	7C870442AC-LLYC	150	2.07	500	120	0
	CCD	53301	2	7C850003BC-MSZC	150	2.35	80	120	0
	CCD	53301	2	7C850003BC-MSZC	150	2.35	500	120	0
<b>Summary for Technology = L8 (9 records)</b>									
<b>Sum</b>									<b>1080</b>
P26	CCD	60501	1	7C63740AT-OPZC	150	5.5	500	124	0
	CCD	60501	2	7C63740AT-OPZC	150	5.5	500	122	0
	CCD	MR063088	R1	CY7C64013A-SXC	150	5.5	80	299	0
	CCD	MR063088	R1	CY7C64013A-SXC	150	5.5	512	298	0
<b>Summary for Technology = P26 (4 records)</b>									
<b>Sum</b>									<b>843</b>
POWER 165	MID	MR061053	R1	CYK128K16MCBV-70BXI	125	3.8	168	300	0
	MID	MR061053	R1	CYK128K16MCBV-70BXI	125	3.8	1000	300	0
	MID	MR063072	R1	CYK512K16SCCAU-70BAI	150	4.5	80	299	0
	MID	MR063072	R1	CYK512K16SCCAU-70BAI	150	4.5	1000	295	0
	MID	60307	R1	CYK256K16MCBU-70BVXI	150	3.8	512	120	0
	MID	60307	R2	CYK256K16MCBU-70BVXI	150	3.8	512	124	0
<b>Summary for Technology = POWER 165 (6 record)</b>									
<b>Sum</b>									<b>1438</b>
PROM20NX	MID	MR064070	R1	CYK256K16MCBU-70BVXI	125	3.8	192	299	0
	MID	MR064070	R1	CYK256K16MCBU-70BVXI	125	3.8	1000	299	0
<b>Summary for Technology = PROM20NX (2 records)</b>									
<b>Sum</b>									<b>598</b>
R21	MID	MR063067	R1	CY7C128A-15PC	150	5.75	80	292	0
	MID	MR063067	R1	CY7C128A-15PC	150	5.75	500	291	0
	MID	MR063082	R1	CY7C128A-45PC	150	5.75	80	299	0
	MID	MR063082	R1	CY7C128A-45PC	150	5.75	500	298	0
<b>Summary for Technology = R21 (4 records)</b>									
<b>Sum</b>									<b>1180</b>
R28	MID	MR061054	R1	CY7C185-15VC	150	5.75	80	200	0
	DCD	MR062066	R1	CY7C433-10JXC	150	5.75	500	300	0
	DCD	MR063116	R1	CY7C146-55JXC	150	7	80	300	0
<b>Summary for Technology = R28 (3 records)</b>									
<b>Sum</b>									<b>800</b>
R42	MID	MR061014	R1	CS5756AT	150	5.75	1012	300	0
	MID	MR061030	R1	CS5756AT	125	5.75	1000	296	0
	MID	MR062043	R1	CY7C199-25VC	150	5.75	80	300	0
	MID	MR062043	R1	CY7C199-25VC	150	5.75	500	300	0
	MID	MR062052	R1	CY7C199-15ZXC	150	5.75	80	300	0
	MID	MR062052	R1	CY7C199-15ZXC	150	5.75	500	299	0
	MID	MR063070	R1	CY62256LL-70ZXC	125	5.75	168	300	0
	MID	MR063070	R1	CY62256LL-70ZXC	125	5.75	1000	300	0
	MID	MR063081	R1	CY7C199-25VC	150	5.75	92	300	0
	MID	MR063081	R1	CY7C199-25VC	150	5.75	500	299	0
	DCD	MR063110	R1	CY7C9689A-AXC	125	5.75	168	294	0
	DCD	MR063110	R1	CY7C9689A-AXC	125	5.75	1000	280	0
<b>Summary for Technology = R42 (12 records)</b>									
<b>Sum</b>									<b>3568</b>
R5	MID	MR054012	R1	CY7C109B-12ZC	150	2.3	544	298	0
	MID	MR061023	R1	CY62128BLL-70ZAXE	150	2.3	500	80	0
	MID	MR061052	R1	CS5761AT	150	5.75	500	300	0
	MID	MR061070	R1	CY62128BLL-70ZAXE	150	5.75	408	270	0
	MID	MR062045	R1	CY62128BLL-55SXI	150	5.75	96	300	0
	MID	MR062045	R1	CY62128BLL-55SXI	150	5.75	500	50	0
	MID	MR062046	R1	CY7C109B-15VC	150	3.8	80	299	0
	MID	MR062046	R1	CY7C109B-15VC	150	3.8	500	299	0
	MID	MR062048	R1	CY7C1399B-12VC	150	3.8	80	300	0
	MID	MR062048	R1	CY7C1399B-12VC	150	3.8	500	300	0
	MID	MR063042	R1	CY7C199-20VXC	150	3.8	80	300	0
	MID	MR063042	R1	CY7C199-20VXC	150	3.8	500	298	0

	MID	MR063055	R1	CY62128BLL-70SCT	150	5.75	80	299	0
	MID	MR063055	R1	CY62128BLL-70SCT	150	5.75	500	299	0
	MID	MR063063	R1	CY7C109B-15VC	150	3.8	80	298	0
	MID	MR063063	R1	CY7C109B-15VC	150	3.8	500	298	0
	MID	MR063064	R1	CY7C199B-12VC	150	3.8	80	300	0
	MID	MR063064	R1	CY7C199B-12VC	150	3.8	500	300	0
<b>Summary for Technology = R5 (18 records)</b>								<b>4888</b>	<b>0</b>
<b>Sum</b>									
R7	MID	55103	R1	CY7C1313AVIB	125	2.07	80	126	0
	MID	55103	R1	CY7C1313AVIB	125	2.07	500	125	0
	MID	55103	R2	CY7C1313AVIB	125	2.07	80	125	0
	MID	55103	R2	CY7C1313AVIB	125	2.07	500	125	0
	MID	MR061031	R1	CY7C1381C-100AC	150	2.3	500	292	0
	MID	MR061048	R1	CY7C1021CV33-10ZC	150	2.3	500	181	0
	MID	MR062036	R1	CY7C1021GC-RZSC	150	2.3	96	300	0
	MID	MR062036	R1	CY7C1021GC-RZSC	150	2.3	500	300	0
	MID	MR062042	R1	CY7C1019CV33-15VC	150	2.3	104	297	0
	MID	MR062042	R1	CY7C1019CV33-15VC	150	2.3	500	297	0
	MID	MR062055	R1	CY7C1041CV33-15V1	150	2.3	80	300	0
	MID	MR062055	R1	CY7C1041CV33-15V1	150	2.3	500	293	0
	MID	MR063021	R1	CY7C1021CV33-10ZXC	150	2.3	80	299	0
	MID	MR063021	R1	CY7C1021CV33-10ZXC	150	2.3	500	299	0
	MID	MR063041	R1	CY7C1041CV33-10ZI	150	3.8	80	298	0
	MID	MR063041	R1	CY7C1041CV33-10ZI	150	3.8	500	297	0
	MID	MR063073	R1	CY7C1020CV33-15ZSXE	150	2.3	408	295	0
	MID	MR071011	R1	CY7C1021CV33-15VXC	150	2.3	80	300	0
	MID	MR071012	R1	CY7C1021CV33-15VXC	150	2.3	80	300	0
	MID	MR071014	R1	CY7C1041CV33-15VXC	150	2.3	80	295	0
	MID	MR071014	R1	CY7C1041CV33-15VXC	150	2.3	500	295	0
<b>Summary for Technology = R7 (21 records)</b>								<b>5439</b>	<b>0</b>
<b>Sum</b>									
R8	MID	MR062037	R1	CY62128DV30LL-70SI	150	2.4	80	300	0
	MID	MR062037	R1	CY62128DV30LL-70SI	150	2.4	512	300	0
	MID	MR062051	R1	CY62147DV18LL-70BVI	125	2.4	168	298	0
	MID	MR062051	R1	CY62147DV18LL-70BVI	125	2.4	1000	297	0
	MID	MR062056	R1	CY62147DV30L-55ZSXI	125	2.4	168	300	0
	MID	MR062056	R1	CY62147DV30L-55ZSXI	125	2.4	1000	300	0
	MID	MR063071	R1	CY62146DV30LL-55ZSX	125	2.4	168	294	0
	MID	MR063071	R1	CY62146DV30LL-55ZSX	125	2.4	1000	294	0
	MID	MR063077	R1	CY62147DV30LL-55BVI	125	2.4	168	300	0
	MID	MR063077	R1	CY62147DV30LL-55BVI	125	2.4	1024	294	0
	MID	MR063083	R1	CY62147DV30LL-70ZSXI	125	2.4	96	300	0
	MID	MR063083	R1	CY62147DV30LL-70ZSXI	125	2.4	168	300	0
	MID	MR063083	R1	CY62147DV30LL-70ZSXI	125	2.4	1000	298	0
	MID	62305	R2A	CY62157DV30LL	125	2.4	32	2661	0
	MID	62305	R2A	CY62157DV30LL	125	2.4	452	2660	0
	MID	62305	R2B	CY62157DV30LL	125	2.4	32	873	0
	MID	62305	R2B	CY62157DV30LL	125	2.4	452	873	0
	MID	63901	R1	CY62167DV30LL	150	2.4	80	500	0
	MID	63901	R1	CY62167DV30LL	150	2.4	500	500	0
	MID	63901	R2	CY62167DV30LL	150	2.4	80	496	0
	MID	63901	R2	CY62167DV30LL	150	2.4	500	491	0
	MID	63901	R3	CY62167DV30LL	150	2.4	500	150	0
	MID	70203	R1	CY62137DV30LL	150	2.4	500	144	0
	MID	MR064039	R1	CY62157DV30LL-45ZSXI	125	2.4	168	299	0
	MID	MR064039	R1	CY62157DV30LL-45ZSXI	125	2.4	1000	299	0
	MID	MR064039	R1	CY62157DV30LL-45ZSXI	125	2.4	1012	299	0
	MID	MR064040	R1	CY62147DV30LL-70BVI	125	1.85	168	296	0
	MID	MR064040	R1	CY62147DV30LL-70BVI	125	1.85	1000	296	0
	MID	MR064041	R1	CY62157DV30LL-55BVI	125	1.85	168	296	0
<b>Summary for Technology = R8 (29 records)</b>									



Sum										15008	0
R9	MID	54801	R3	CY7C1470V33	150	2.25	500	394	1	054801-3L2	1-Void in Vss MCON
	MID	MR062054	R1	CY7C1347C-133AXC	150	2.25	80	298	0		
	MID	MR062054	R1	CY7C1347C-133AXC	150	2.25	500	296	0		
	MID	71302	R1	CY62167EV30	150	1.85	80	400	0		
	MID	71302	R1	CY62167EV30	150	1.85	500	400	0		
	MID	71302	R2	CY62167EV30	150	1.85	80	399	0		
	MID	71302	R2	CY62167EV30	150	1.85	500	399	0		
<b>Summary for Technology = R9 (7 records)</b>											
Sum										2586	1
S4	MID	54504	R1	CY0NS1001-LBXC	100	4.2	500	250	0		
	MID	54504	R2	CY0NS1001-LBXC	100	4.2	168	235	0		
	MID	54504	R2	CY0NS1001-LBXC	100	4.2	500	235	0		
	CCD	54603	R1	CY8C29466-12PVXE	125	5.5	1000	84	0		
	CCD	54603	R2	CY8C29466-12PVXE	125	5.5	1000	84	0		
	CCD	54603	R3	CY8C29466-12PVXE	125	5.5	1000	84	0		
	CCD	60208	R1	CY8C20334-PVXI	125	5.5	168	179	0		
	CCD	60208	R1	CY8C20334-PVXI	125	5.5	1000	178	0		
	CCD	60208	R1A	CY8C20334-PVXI	125	5.5	168	199	0		
	CCD	60208	R1A	CY8C20334-PVXI	125	5.5	1000	199	0		
	CCD	60208	R1B	CY8C20334-PVXI	125	5.5	1000	200	0		
	CCD	60605	R1A	CY8C24494-24PVXT	125	5.5	168	180	0		
	CCD	60605	R1A	CY8C24494-24PVXT	125	5.5	1000	180	0		
	CCD	60605	R2A	CY8C24494-24PVXI	125	5.5	168	180	0		
	CCD	60605	R2A	CY8C24494-24PVXI	125	5.5	1000	180	0		
	CCD	60605	R3A	CY8C24494-24PVXT	125	5.5	168	180	0		
	CCD	60605	R3A	CY8C24494-24PVXT	125	5.5	1000	180	0		
	CCD	60605	R3G	CY8C24494-24PVXT	125	5.5	1000	180	0		
	CCD	63002	R2A	CY8C24423A-PVXI	125	3.3	168	179	0		
	CCD	63002	R2A	CY8C24423A-PVXI	125	3.3	1000	179	0		
	CCD	63003	R2	CY8C24423A-24PVXI	150	5.5	168	180	0		
	CCD	63003	R2	CY8C24423A-24PVXI	150	5.5	1000	180	0		
	CCD	63003	R2A	CY8C24423A-24PVXI	125	3.5	168	180	0		
	CCD	MR053044	R1	CY8C24423A-24PVXI	125	3.3	168	300	0		
	CCD	MR053044	R1	CY8C24423A-24PVXI	125	3.3	1000	300	0		
	CCD	MR063001	R1	CY7C60323-PVXC	125	5.5	168	300	0		
	CCD	MR063001	R1	CY7C60323-PVXC	125	5.5	1024	300	0		
	CCD	MR063002	R1	CY8C9520-24PVXI	125	5.5	168	299	0		
	CCD	MR063002	R1	CY8C9520-24PVXI	125	5.5	1000	298	0		
	CCD	MR063039	R1	CY8C27443-24SXI	125	2.4	1000	300	0		
	CCD	MR063040	R1	CY8C21334-24PVXI	150	5.5	168	300	0		
	CCD	MR063040	R1	CY8C21334-24PVXI	150	5.5	1000	300	0		
	CCD	MR063059	R1	CY22394AZC-704T	150	3.8	80	297	0		
	CCD	MR063103	R1	CY8C24494-24PVXI	125	5.5	168	251	0		
	CCD	MR063103	R1	CY8C24494-24PVXI	125	5.5	1000	249	0		
	CCD	MR063103	R1A	CY8C24494-24PVXI	125	5.5	168	252	0		
	CCD	MR063103	R1A	CY8C24494-24PVXI	125	5.5	1000	252	0		
	CCD	MR063114	R1	CY8C21534-24PVXI	150	5.5	168	300	0		
	CCD	MR063114	R1	CY8C21534-24PVXI	150	5.5	1000	300	0		
	CCD	MR063129	R1	CY8C21534-24PVXI	150	3.8	168	519	0		
	CCD	MR063129	R1	CY8C21534-24PVXI	150	3.8	1024	518	0		
	CCD	MR064019	R1	CY8C21234-24SXI	125	5.5	168	349	0		
	CCD	MR064019	R1	CY8C21234-24SXI	125	5.5	1012	349	0		
	CCD	MR064019	R1A	CY8C21234-24SXI	125	5.5	168	215	0		
	CCD	MR064019	R1A	CY8C21234-24SXI	125	5.5	1000	212	0		
	CCD	62509	R1	CY8C21534-24PVXI	125	5.5	168	180	0		
	CCD	62509	R1	CY8C21534-24PVXI	125	5.5	1000	180	0		
	CCD	63210	R1	CY8C27443-24PVXI	125	5.5	168	180	0		
	CCD	63210	R1	CY8C27443-24PVXI	125	5.5	1000	180	0		
	CCD	64201	R1	CY0NS1001-LBXC	125	4.2	180	348	0		
	CCD	65001	R1	CY7C63813-PXC	125	5.5	168	198	0		

	CCD	MR064036	R1	CY8C21334-24PVXI	125	5.5	168	300	0
	CCD	MR064036	R1	CY8C21334-24PVXI	125	5.5	1012	300	0
	CCD	MR064037	R1	CY8C21234-24SXI	125	5.5	168	379	0
	CCD	MR064037	R1	CY8C21234-24SXI	125	5.5	1012	379	0
	CCD	MR064050	R1	CP6458BM-TSPI	125	5.5	168	300	0
	CCD	MR064050	R1	CP6458BM-TSPI	125	5.5	1000	300	0
	CCD	MR064082	R1	CY7C64215-28PVXC	125	5.5	168	386	0
<b>Summary for Technology = S4 (58 records)</b>									
<b>Sum</b>								<b>14455</b>	<b>0</b>
STARM	DCD	MR054033	R1A	CY7B933-JC	125	6.5	1000	85	0
	DCD	MR054033	R1B	CY7B933-JC	125	6.5	1000	84	0
	DCD	MR054033	R1C	CY7B933-JC	125	6.5	1000	44	0
	DCD	MR062065	R1	CY7B992-2JC	125	6.6	1000	300	0
	CCD	MR063109	R1	CY7B991AT-5JI	150	6.6	168	299	0
	CCD	MR063109	R1	CY7B991AT-5JI	150	6.6	1000	297	0
<b>Summary for Technology = STARM (6 records)</b>									
<b>Sum</b>								<b>1109</b>	<b>0</b>
UMC 0.18	DCD	60803	1B	7C9150AI-MSZC	125	3.8	972	169	0
	DCD	60803	1B	7C9150AI-MSZC	125	3.8	1000	169	0
	DCD	60803	R2	CYV15G0101EQ-SXC	125	3.8	168	351	0
	DCD	63804	R1A	CYV15G010EQ	125	3.8	168	192	0
	DCD	63804	R1A	CYV15G010EQ	125	3.8	500	192	0
	DCD	63804	R1B	CYV15G010EQ	125	3.8	168	369	0
	DCD	63804	R1B(1)	CYV15G0101EQ	125	3.8	168	369	0
	DCD	63804	R1C	CYV15G010EQ	125	3.8	168	380	0
	DCD	70504	R1A	CYV15G0102EQ-SXCES	125	3.8	168	360	0
	DCD	70504	R1A	CYV15G0102EQ-SXCES	125	3.8	500	360	0
<b>Summary for Technology = UMC 0.18 (10 records)</b>									
<b>Sum</b>								<b>2911</b>	<b>0</b>

Summary Detail -- DRET Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Technology	Division	EvalNum	TV	Device	Temp	Readout	Duration	SS	Rejects	FA	Results
0.25u		63207	4B	STK14CA8	150	500	500	38	0		
		63207	4B	STK14CA8	150	1000	500	38	0		
		63207	4B	STK14CA8	150	1500	500	38	0		
		63207	5A	STK14CA8	150	500	500	38	0		
		63207	5A	STK14CA8	150	1000	500	38	0		
		63207	5A	STK14CA8	150	1500	500	38	0		
		63207	8	STK14CA8	150	500	500	38	0		
		63207	8	STK14CA8	150	1000	500	38	0		
		63207	8	STK14CA8	150	1500	500	38	0		
<b>Summary for Technology = 0.25u (9 records)</b>								<b>342</b>	<b>0</b>		
<b>Sum</b>											
0.8u		62401	8	256K	150	57	57	719	0		
		62401	8	256K	150	182	125	719	0		
		62401	8	256K	150	592	410	719	0		
		62401	8	256K	150	1000	408	719	0		
		62401	8	256K	150	5000	4000	97	0		
		62401	9	64K	150	57	57	1084	0		
		62401	9	64K	150	182	125	1084	0		
		62401	9	64K	150	592	410	1084	0		
		62401	9	64K	150	1000	408	1084	0		
		62401	9	64K	150	5000	4000	200	0		
		62401	9	64K	150	6000	1000	198	0		
<b>Summary for Technology = 0.8u (11 records)</b>								<b>7707</b>	<b>0</b>		
<b>Sum</b>											
130nm		62601	1AA	XP10C	125	168	168	148	0		
		62601	1AA	XP10C	125	500	332	148	0		
		62601	1AA	XP10C	125	1000	500	148	0		
		62601	1AA	XP10C	125	1500	500	148	0		
		62601	1AA	XP10C	125	2000	500	148	0		
		62601	1AB	XP10C	125	168	168	150	0		
		62601	1AB	XP10C	125	500	332	150	0		
		62601	1AB	XP10C	125	1000	500	150	0		
		62601	1AB	XP10C	125	1500	500	150	0		
		62601	1AB	XP10C	125	2000	500	150	0		
		62601	1AC	XP10C	125	168	168	55	0		
		62601	1AC	XP10C	125	500	332	55	0		
		62601	1AC	XP10C	125	1000	500	55	0		
		62601	1AC	XP10C	125	1500	500	55	0		
		62601	1AC	XP10C	125	2000	500	55	0		
		62601	3AA	MachXO 640C	125	168	168	176	0		
		62601	3AA	MachXO 640C	125	500	500	176	0		
		62601	3AA	MachXO 640C	125	1000	1000	176	0		
<b>Summary for Technology = 130nm (18 records)</b>								<b>2293</b>	<b>0</b>		
<b>Sum</b>											
S4	CCD	54603	R1	CY8C29466-12PVXE	150	1008	508	79	0		
	CCD	54603	R1	CY8C29466-12PVXE	150	1008	508	80	0		
	CCD	54603	R2	CY8C29466-12PVXE	150	1008	508	78	0		
	CCD	54603	R2	CY8C29466-12PVXE	150	1008	508	80	0		
	CCD	54603	R3	CY8C29466-12PVXE	150	1008	508	80	0		
	CCD	54603	R3	CY8C29466-12PVXE	150	1008	508	80	0		
	CCD	60208	R1	CY8C20334-PVXI	150	1000	500	80	0		
	CCD	60208	R1	CY8C20334-PVXI	150	500	500	80	0		
	CCD	60605	R1A	CY8C24494-24PVXT	150	1000	664	256	0		
	CCD	60605	R1A	CY8C24494-24PVXT	150	1500	500	256	0		
	CCD	60605	R1A	CY8C24494-24PVXT	150	336	168	256	0		
	CCD	60605	R1A(1)	CY8C24494-24PVXT	160	85	85	47	0		

CCD	60605	R1A(2)	CY8C24494-24PVXT	160	85	85	47	0	
CCD	60605	R2A(1)	CY8C24494-24PVXI	150	1500	500	256	0	
CCD	60605	R2A(1)	CY8C24494-24PVXI	150	1000	664	256	0	
CCD	60605	R2A(1)	CY8C24494-24PVXI	150	336	336	256	0	
CCD	60605	R3A	CY8C24494-24PVXT	150	1500	500	256	0	
CCD	60605	R3A	CY8C24494-24PVXT	150	1000	664	256	0	
CCD	60605	R3A	CY8C24494-24PVXT	150	336	336	256	0	
CCD	60605	R4	CY7C64215-28PVXC	160	85	85	50	0	
CCD	62509	R1	CY8C21534-24PVXI	150	500	500	300	0	
CCD	62509	R1	CY8C21534-24PVXI	150	1000	500	300	0	
CCD	63210	R1	CY8C27443-24PVXI	150	168	168	76	0	
CCD	63210	R1	CY8C27443-24PVXI	150	1000	500	77	0	
CCD	63210	R1	CY8C27443-24PVXI	150	500	332	77	0	
CCD	65001	R1	CY7C63813-PXC	150	500	500	77	0	
CCD	MR063103	R1	CY8C24494-24PVXI	245	1000	500	75	0	
CCD	MR063103	R1	CY8C24494-24PVXI	245	500	500	76	0	
CCD	MR063114	R1	CY8C21534-24PVXI	245	500	500	76	0	
CCD	MR063114	R1	CY8C21534-24PVXI	245	1000	500	76	0	
CCD	MR063115	R1	CY8C24123A-24SXI	150	1000	500	43	0	
CCD	MR063129	R1	CY8C21534-24PVXI	245	1000	500	76	0	
CCD	MR064030	R1	CY8C24944-24LFXI	245	500	500	157	0	
CCD	MR064030	R1	CY8C24944-24LFXI	245	1000	500	157	0	
CCD	MR064080	R1	CY8C24994-24LFXI	245	1000	500	50	0	
CCD	MR064080	R1	CY8C24994-24LFXI	245	500	500	50	0	
CCD	MR071029	R1	CY8C21534-24PVXI	150	500	500	160	0	
<b>Summary for Technology = S4 (37 records)</b>									
<b>Sum</b>								<b>4988</b>	<b>0</b>

Summary Detail -- PCT Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Bldkit	Assy Site	EvalNum	TV	Device	Temp	Readout	SS	Rejects	FA	Results	
<b>FBGA (0.75-0.8)</b>											
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	121	168	49	0			
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	121	168	49	0			
BA48BQAAL	RA-CML	MR071064	R1	CY62137CVSL-70BAI	121	168	80	0			
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	121	168	49	0			
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	121	168	50	0			
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	121	168	50	0			
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	121	168	47	0			
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	121	168	44	0			
BA48CRALE	T-TAIWAN	MR071052	R1	CY62137CVSL-70BAI	121	168	79	0			
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	121	168	45	0			
BF144AAALE	SP-TAIWAN	61703	R1	CAAIC20500-2	121	168	50	0			
<b>Summary for Package Family : FBGA (0.75-0.8) (11 records)</b>											
<b>Sum</b>								<b>592</b>	<b>0</b>		
<b>FBGA (0.75-0.8, Pb-free)</b>											
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	121	168	50	0			
<b>Summary for Package Family : FBGA (0.75-0.8, Pb-Free) (1 record)</b>											
<b>Sum</b>								<b>50</b>	<b>0</b>		
<b>FBGA (1.0)</b>											
BB165ANLE	G-TAIWAN	54907	1	7C1565AC-GBBC	121	168	47	0			
BB165ANLE	G-TAIWAN	54907	1	7C1565AC-GBBC	121	288	47	0			
BB165ANLE	G-TAIWAN	60908	3	7C1565AC-GBBC	121	168	47	0			
BB165ANLE	G-TAIWAN	60908	3	7C1565AC-GBBC	121	288	47	0			
BB165ANLE	G-TAIWAN	61002	3	7C1565AC-GBBC	121	168	47	0			
BB165ANLE	G-TAIWAN	61002	3	7C1565AC-GBBC	121	288	47	0			
BB165WALE	RA-CML	55103	R1(1)	CY7C1313AVIB	121	168	43	0			
BB165WALE	RA-CML	55103	R2(1)	CY7C1313AVIB	121	168	44	0			
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	121	168	50	0			
BB256IAGE	G-TAIWAN	52303	1	7C76046AC-GBBC	121	288	46	0			
BB256IAGE	G-TAIWAN	52303	1	7C76046AC-GBBC	121	408	46	0			
BB256IAGE	G-TAIWAN	62004	1	7C76046AC-GBBC	121	288	46	0			
BB256IAGE	G-TAIWAN	62004	1	7C76046AC-GBBC	121	408	46	0			
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	121	168	47	0			
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	121	288	47	0			
BB256IAGE	G-TAIWAN	62004	8	7C76046AC-GBBC	121	168	48	0			
BB256JAGE	G-TAIWAN	63401	1	7C08544AC-GBBC	121	168	44	0			
BB256JAGE	G-TAIWAN	63401	1	7C08544AC-GBBC	121	288	44	0			
<b>Summary for Package Family : FBGA (1.0) (18 records)</b>											
<b>Sum</b>								<b>833</b>	<b>0</b>		
<b>FBGA (1.0, Pb-Free)</b>											
BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	121	168	50	0			
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	121	168	49	0			
BW100EAGL	G-TAIWAN	MR071068	R1	CYV15G0101DXB-BBXI	121	168	80	0			
<b>Summary for Package Family : FBGA (1.0, Pb-Free) (3 records)</b>											
<b>Sum</b>								<b>179</b>	<b>0</b>		
<b>VFBGA (0.75-0.8, 0.3mm)</b>											
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	121	168	47	0			
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	121	168	49	0			
BV48ATALE	RA-CML	MR071072	R1	CY62157DV30LL-70BVIT	121	168	80	0			
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	121	168	50	0			
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	121	168	44	0			
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	121	192	49	0			
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	121	168	49	0			
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	121	168	50	0			
BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	121	168	44	0			
BV48BNALE	G-TAIWAN	63901	R2	CY62167DV30LL	121	168	45	0			

BV48BNALE	G-TAIWAN	63901	R2	CY62167DV30LL	121	288	45	0		
BV48BNALE	G-TAIWAN	63901	R3	CY62167DV30LL	121	168	28	0		
BV48BNALE	G-TAIWAN	63901	R3(1)	CY62167DV30LL	121	168	20	0		
BV48BNALE	G-TAIWAN	64505	R1	CY62167DV30	121	168	44	0		
BV48BNALE	G-TAIWAN	64505	R1	CY62167DV30	121	336	43	0		
BV48BNALE	G-TAIWAN	70203	R1	CY62137DV30LL	121	168	45	0		
BV48BNALE	G-TAIWAN	70203	R1A	CY62167DV30LL	121	168	34	0		
BV48BNALE	G-TAIWAN	70203	R2	CY62167DV30LL	121	168	77	0		
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	121	168	44	15	MR061042-1P1	15-Copper Trace Short (Aluminum)

**Summary for Package Family : VFBGA (0.75-0.8, 0.3mm) (19 records)**

**Sum** **887** **15**

**VFBGA (0.75-0.8, 0.3mm, Pb-Free)**

BZ100CGAL	G-TAIWAN	61603	R1	CYWB0124AB-BVXIES	121	168	75	0		
BZ48BAAAGL	AT-INDNS	65103	R1	CYK256K6C9BW-70BVXI	121	168	50	0		
BZ48BAALL	G-TAIWAN	64903	R1	CY62157DV30L-55BVXE	121	96	45	0		
BZ48BAALL	G-TAIWAN	64903	R1	CY62157DV30L-55BVXE	121	168	45	0		
BZ48BAALL	G-TAIWAN	64903	R2	CY62157DV30L-55BVXE	121	96	50	0		
BZ48BAGMHL	T-TAIWAN	70306	R1	CYK128K16MCBU-70BVXI	121	168	50	0		
BZ48BCJALL	RA-CML	62304	R1	CY62167DV30LL	121	168	41	0		
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCBU	121	168	50	0		
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	121	168	49	0		
BZ48CGALL	RA-CML	63708	1	U02M6F9CZ-RABZI	121	168	50	0		
BZ48CGALL	RA-CML	63708	1	U02M6F9CZ-RABZI	121	288	50	0		
BZ48CRALL	G-TAIWAN	62207	R1	CY62167EV30	121	168	50	0		
BZ48CRALL	G-TAIWAN	62207	R1	CY62167EV30	121	288	50	0		
BZ48CRALL	G-TAIWAN	71302	R1	CY62167EV30	121	168	50	0		
BZ56AGAGL	G-TAIWAN	MR064027	R1	CY7C68013A-56BAXC	121	168	50	0		
BZ56AVAAAL	AT-INDNS	63803	R1	CY7C68013A-56BAXC	121	168	45	0		
BZ56AVAAAL	AT-INDNS	63803	R2	CY7C68013A-56BAXC	121	168	50	0		
BZ56EAALL	G-TAIWAN	61302	R2	CY7C68053-56BAXI	121	168	55	0		
BZ56EAALL	G-TAIWAN	61302	R2	CY7C68053-56BAXI	121	288	55	0		
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	121	168	50	0		
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	121	336	49	0		
BZ56FAALE	G-TAIWAN	MR064049	R1	CY7C68053-56BAXIES	121	288	50	0		
BZ56FAALE	G-TAIWAN	MR064049	R2	CY7C68053-56BAXIES	121	288	50	0		
BZ56FAALE	G-TAIWAN	MR064049	R2	CY7C68053-56BAXIES	121	500	50	0		
BZ56FAALE	G-TAIWAN	MR064049	R3	CY7C68053-56BAXI	121	288	48	0		
BZ56FAALE	G-TAIWAN	MR064049	R3	CY7C68053-56BAXI	121	500	48	0		

**Summary for Package Family : VFBGA (0.75-0.8, 0.3mm, Pb-Free) (26 records)**

**Sum** **1305** **0**

**PBGA (1.27)**

BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	121	168	50	0		
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	121	168	50	0		
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	121	168	50	0		

**Summary for Package Family : PBGA (1.27) (3 records)**

**Sum** **150** **0**

**PBGA (Cavity/Heatsink)**

BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	121	168	40	0		
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	121	168	43	0		

**Summary for Package Family : PBGA (Cavity/Heatsink) (2 records)**

**Sum** **83** **0**

**PBGA (Pb-Free)**

BY484BAGL	G-TAIWAN	53304	1	7C08632AC-GBYC	121	168	47	0		
BY484BAGL	G-TAIWAN	64204	1	7C08632AC-GBYC	121	168	47	0		

**Summary for Package Family : PBGA (Pb-Free) (2 records)**

**Sum** **94** **0**

**PDIP**

P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	121	168	50	0		
P2839GAAGB	X-THAI	MR064054	R1	CY7C185-25PC	121	168	50	0		
P2839GAAGB	X-THAI	MR071039	R1	CY7C185-25PC	121	168	78	0		
P2839GAGB	X-THAI	MR063118	R1	CY7C185-25PC	121	168	50	0		



P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	121	168	50	0
P4865GAGE	X-THAI	MR062010	R1	CY7C130-55PC	121	168	50	0

Summary for Package Family : PDIP (6 records)

Sum 328 0

PDIP (Pb-Free)

PZ163AGGN	X-THAI	MR062012	R1	CY7C63801-PXC	121	168	50	0
PZ183AXGN	O-INDNS	65001	R1	CY7C63813-PXC	121	168	46	0
PZ183AXGN	O-INDNS	65001	R2	CY7C63813-PXC	121	168	46	0
PZ183AXGN	O-INDNS	65001	R3	CY7C63813-PXC	121	168	45	0
PZ183AXGN	O-INDNS	70501	R1	CS6632AF	121	168	77	0
PZ183AXGN	O-INDNS	MR063022	R1	CY7C63813-PXC	121	168	45	0
	RA-CML	62102	R1	CY7C148-45PXC	121	168	41	0
PZ183BXGL	RA-CML	62102	R2	CY7C148-45PXC	121	168	45	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	121	168	50	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	121	168	47	0
PZ183DAGN	RA-CML	MR071044	R1	CY7C63723C-PXC	121	168	80	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	121	168	45	0

Summary for Package Family : PDIP (Pb-Free) (12 records)

Sum 617 0

PLCC

J32RBGAAGB	X-THAI	MR064023	R1	CY7B991-5JI	121	168	50	0
J32RBGAGB	X-THAI	MR062098	R1	CY7B992-2JC	121	168	50	0
J32RBGAGB	M-PHIL	MR063076	R1	CY7B991-2JC	121	168	50	0
J32RBGAGB	X-THAI	MR063105	R1	CY7B991-2JC	121	168	49	0
J32RBGAGB	M-PHIL	MR071007	R1	CY7B991-5JC	121	168	80	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	121	168	45	2

MR06297-1P1 2-PO Metal Crack

Summary for Package Family : PLCC (6 records)

Sum 324 2

PLCC (Pb-Free)

JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	121	168	50	1
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	121	168	50	0
JZ32RBGAN	M-PHIL	MR071067	R1	CY7C4231-15JXC	121	168	80	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	121	168	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	121	168	50	0

MR063091-1P1 1-No visual defect

Summary for Package Family : PLCC (Pb-Free) (5 records)

Sum 280 1

PQFP

N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	121	168	49	0
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Summary for Package Family : PQFP (1 record)

Sum 49 0

PQFP (Pb-Free)

NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	121	168	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	121	168	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	121	168	50	0

Summary for Package Family : PQFP (Pb-Free) (3 records)

Sum 150 0

QFN (COL, Pb-Free)

LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	121	168	50	0
LG16AA	M-PHIL	63602	R2	CY8C20234-12LKXI	121	168	50	0
LG16AA	M-PHIL	63602	R3	CY8C20234-12LKXI	121	168	50	0

Summary for Package Family : QFN (COL, Pb-Free) (3 records)

Sum 150 0

QFN (Punch Type)

LF56AGAGE	L-SEOL	MR062007	R1	CY7C68001EC-56LFC	121	168	50	0
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Summary for Package Family : QFN (Punch Type) (1 record)

Sum 50 0

QFN (Punch Type, Pb-Free)

LY20AGAGL	L-SEOL	53408	1	7C870442AC-LLYC	121	168	50	0
LY20AGAGL	L-SEOL	53408	1	7C870442AC-LLYC	121	288	50	0
LY32AGAGL	L-SEOL	MR071008	R1	CY8C21434-24LFXI	121	168	80	0
LY32BGAGL	RA-CML	64402	R1	CY8C21434-24LFXI	121	168	45	0

LY32BGAGL	RA-CML	64402	R2	CY8C21434-24LFXI	121	168	45	0
LY32BGAGL	RA-CML	64402	R3	CY8C21434-24LFXI	121	168	45	0
LY40CCGAGR	L-SEOL	62301	1A	7B69103AC-LLYC	121	168	45	0
LY56AGAGL	L-SEOL	MR062031	R1	CY7C65640A-LFXC	121	168	50	0
LY56DGAGL	L-SEOL	MR063036	R1	CY7C68014A-56LFXC	121	168	48	0
LY56DGAGL	L-SEOL	MR064006	R1	CY8C24794-24LFXI	121	168	50	0
LY56DGAGL	L-SEOL	MR064098	R2	8C24795AK-LLYI	121	168	90	0
LY56DGAGL	L-SEOL	MR064098	R2	8C24795AK-LLYI	121	288	90	0
LY68AGAAGL	L-SEOL	NR064004	R1	8C24995AK-LLYI	121	168	49	0
LY68AGAAGL	L-SEOL	NR064004	R2	CY8C24994-24LFXIT	121	168	50	0
LY68AGAAGL	L-SEOL	62306	R1	CY8C24094A-24LYI	121	168	45	0
LY72AGAGL	L-SEOL	63601	R1	CY28447LFXC	121	168	45	0
LY72AGAGL	L-SEOL	MR063074	R1	CY28447LFXC	121	168	50	0
LY72AGAGL	L-SEOL	NR061002	R3	CY28447LFXC	121	168	45	0
LK32AAAAGL	L-SEOL	70305	R1	CY8C21434-24LKXI	121	168	42	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	121	168	44	0
LK32HGAGL	RA-CML	61701	R2	CY8C21434-24LXI	121	168	45	0
LK32HGAGL	RA-CML	61701	R3	CY8C21434-24LXI	121	168	44	0
LK32HGAGL	RA-CML	NR062002	R1	8C21434AC-RALKI	121	168	45	0
LK32HGAGL	RA-CML	NR062002	R2	8C21434AC-RALKI	121	168	45	0
LK32HGAGL	RA-CML	NR062002	R3A	8C21434AC-RALKI	121	168	45	0
LK32IGAGL	RA-CML	63102	R2	CY8C21434	121	168	55	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	121	168	45	0
LK32IGAGL	RA-CML	MR071010	R1	CS6655AA	121	168	78	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063001	R4	CY8C21434-24LKXI	121	168	49	0
LK32IGAGL	RA-CML	NR063001	R5	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063001	R6	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	121	168	50	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	121	168	45	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	121	168	48	0
QFN 68L	RA-CML	62501	R1	CY8C24094A	121	168	45	0

Summary for Package Family : QFN (Punch Type, Pb-Free) (38 records)

Sum 1947 0

QFN (Saw Type, Pb-Free)

LQ32BAAAAGL	AT-INDNS	70307	R1	CY8C21434A	121	168	76	0
LQ32BAAAAGL	AT-INDNS	70307	R1(1)	CY8C21434A	121	168	75	0

Summary for Package Family : QFN (Saw Type, Pb-Free) (2 records)

Sum 151 0

QSOP (Pb-Free)

SQ2414AGN	R-CML	63306	R1	CY7C63743-QXC	121	168	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	121	168	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	121	168	50	0
SQ2414AGN	R-CML	MR064015	R1	CY7C63823-QXC	121	168	49	0

Summary for Package Family : QFN (Pb-Free) (4 records)

Sum 199 0

SNC

SN2831AHB	R-CML	MR062025	R1	CS5756AT	121	96	50	0
SN2831AHB	R-CML	MR062025	R1	CS5756AT	121	168	50	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNULL-70SNC	121	168	50	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	121	168	50	0

Summary for Package Family : SNC (4 records)

Sum 200 0

SNC (Pb-Free)

SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	121	168	49	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXN	121	168	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	121	168	50	0

Summary for Package Family : SNC (Pb-Free) (3 records)

Sum 149 0

**SOIC**

S32	M-PHIL	62401	1	CY14E256L	121	168	50	0
S32	M-PHIL	62401	1	CY14E256L	121	288	45	0
S32	M-PHIL	62401	2	CY14E256L	121	168	49	0
S32	M-PHIL	62401	2	CY14E256L	121	288	49	0
S32	M-PHIL	63207	2	CY14E256L	121	168	50	0
S32	M-PHIL	63207	2	CY14E256L	121	288	45	0
S32	M-PHIL	63207	3	CY14E256L	121	168	49	0
S32	M-PHIL	63207	3	CY14E256L	121	288	49	0
S324513GB	R-CML	MR061065	R1	CS5761AT	121	96	50	0
S324513GB	R-CML	MR061065	R1	CS5761AT	121	168	50	0
S324513GB	R-CML	MR062004	R1	CS5761AT	121	96	50	0
S324513GB	R-CML	MR062004	R1	CS5761AT	121	168	50	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	121	168	50	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	121	168	50	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	121	168	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	121	168	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	121	168	50	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	121	168	49	0
S1615KAGN	RA-CML	MR071055	R1	7C80727AT	121	168	80	0
S0815BAGB	O-INDNS	MR063023	R1	CY241V08ASC-01	121	168	45	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	121	168	45	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	121	168	50	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	121	168	50	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	121	168	49	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	121	168	50	0

**Summary for Package Family : SOIC (25 records)**

**Sum** **1254** **0**

**SOIC (Pb-Free)**

SZ1615	RA-CML	61704	R1	W129AG	121	168	50	0
SZ1615	RA-CML	61704	R3A	W129AG	121	168	45	0
SZ1615	RA-CML	61704	R3B	W129AG	121	168	44	0
SZ1615FAL	T-TAIWAN	63804	R1A	CYV15G010EQ	121	168	46	0
SZ1615FAL	T-TAIWAN	63804	R1A	CYV15G010EQ	121	288	46	0
SZ1615FAL	T-TAIWAN	70504	R1A	CYV15G0102EQ-SXCES	121	168	77	0
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	121	168	50	0
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	121	168	50	0
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	121	168	50	0
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	121	168	50	0
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	121	168	50	0
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	121	168	50	0
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	121	168	50	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	121	168	45	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	121	168	45	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	121	168	45	0
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	121	168	50	0
SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	121	168	50	0
SZ323ABAGS	M-PHIL	70802	A	14B101L	121	168	50	0
SZ323ABAGS	M-PHIL	70802	A	14B101L	121	288	50	0
SZ324514LL	R-CML	MR062044	R1	CY62148DV30LL-55SXI	121	168	50	0
SZ324514LL	R-CML	MR064021	R1	CY62148DV30LL-70SXI	121	168	50	0
SZ815DAGN	M-PHIL	MR071023	R1	CY2305SXC-1HT	121	168	80	0
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	121	168	50	0

**Summary for Package Family : SOIC (Pb-Free) (24 records)**

**Sum** **1223** **0**

**SSOP**

O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	121	168	49	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	121	168	50	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	121	168	50	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	121	168	50	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	121	168	50	0

O563AXAGN	R-CML	MR064045	R1	CY284190C	121	168	50	0
O563AXAGN	R-CML	MR071027	R1	CY284190C	121	168	80	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	121	168	46	0

Summary for Package Family : SSOP (8 records)

Sum 425 0

SSOP (Pb-Free)

SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	121	168	48	0
SP2026YAN	T-TAIWAN	63208	R1	CY8C21334-24PVXI	121	168	50	0
SP2026YAN	T-TAIWAN	63208	R1	CY8C21334-24PVXI	121	288	50	0
SP2026YAN	T-TAIWAN	63208	R1	CY8C21334-24PVXI	121	500	50	0
SP2026YAN	T-TAIWAN	63208	R2	CY8C21334-24PVXI	121	168	50	0
SP2026YAN	T-TAIWAN	63208	R2	CY8C21334-24PVXI	121	288	50	0
SP2026YAN	T-TAIWAN	63208	R2	CY8C21334-24PVXI	121	500	50	0
SP2026YAN	T-TAIWAN	MR071006	R1	CY8C21334-24PVXI	121	168	80	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	121	168	47	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	121	288	47	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	121	500	47	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	121	168	50	0
SP28214GL	T-TAIWAN	63002	R2	CY8C24423A-PVXI	121	168	50	0
SP28214GL	T-TAIWAN	63003	R1	CY8C24423A-24PVXI	121	168	50	0
SP28214GL	T-TAIWAN	63003	R1	CY8C24423A-24PVXI	121	288	45	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	121	168	50	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	121	288	45	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	121	168	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	121	168	50	0
SP28214GL	T-TAIWAN	MR064082	R1	CY7C64215-28PVXC	121	168	99	0
SP28214GL	T-TAIWAN	MR064082	R1	CY7C64215-28PVXC	121	288	98	0
SP28215GLL	RA-CML	63711	R1	CY8C29466A-24PVXI	121	168	43	0
SP28215GLL	RA-CML	63711	R4	CY8C27443-24PVXI	121	168	50	0
SP2821AGB	M-PHIL	60208	R1	CY8C20334-PVXI	121	168	50	0
SP2821AGB	M-PHIL	60208	R1	CY8C20334-PVXI	121	288	50	0
SP2821AGB	M-PHIL	62509	R1	CY8C21534-24PVXI	121	168	45	0
SP2821AGB	M-PHIL	62509	R1	CY8C21534-24PVXI	121	288	45	5
SP2821AGB	M-PHIL	62509	R1	CY8C21534-24PVXI	121	500	39	0
SP2821AGB	M-PHIL	MR071029	R1	CY8C21534-24PVXI	121	168	100	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	121	168	50	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	121	288	50	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	121	500	50	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	121	168	50	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	121	288	43	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	121	500	42	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	121	168	50	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	121	288	50	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	121	500	49	0
SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	121	96	80	0
SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	121	168	80	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	121	96	79	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	121	168	79	0
SP2822BGL	M-PHIL	54603	R3	CY8C29466-12PVXE	121	96	76	0
SP2822BGL	M-PHIL	54603	R3	CY8C29466-12PVXE	121	168	76	0
SP2822BGL	M-PHIL	63503	R1	CY8C29466-12PVXE	121	96	80	0
SP2822BGL	M-PHIL	63503	R1	CY8C29466-12PVXE	121	168	80	0
SP2822BGL	M-PHIL	NR071001	R1	CY8C24423A-12PVXE	121	96	49	0
SP48AAAAGR	M-PHIL	71101	1	14B101L	121	168	45	0
SP48AAAAGR	M-PHIL	71101	1	14B101L	121	288	45	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	121	168	50	0
SP563AAGN	R-CML	MR064026	R1	CY284100XC	121	168	49	0
SP563BAGL	G-TAIWAN	61302	R1	CY7C68053-56PVXI	121	168	45	0
SP563BAGL	G-TAIWAN	61302	R1	CY7C68053-56PVXI	121	288	45	0
SP563BAGL	G-TAIWAN	63002	R1	CY7C68053-56PVXI	121	168	50	0
SP563BAGL	G-TAIWAN	63002	R1	CY7C68053-56PVXI	121	288	45	0

062509-1P2 5-Passivation Pinholes

SP563BAGL	R-CML	63103	R1	CY7C68001-56PVXC	121	168	44	0	
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	121	168	50	0	
<b>Summary for Package Family : SSOP (Pb-Free) (57 records)</b>									
<b>Sum</b>								<b>3159</b>	<b>5</b>
<b>SOIC (J-Lead)</b>									
V243GGBLE	O-INDNS	MR061083	R1	CY7C197B-15VC	121	168	45	0	
V2835GAHN	R-CML	62101	R1	CY7C1599	121	168	45	0	
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	121	168	50	0	
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	121	168	50	0	
V2835GALN	R-CML	MR071001	R1	CY7C185-25VC	121	168	80	0	
V32417ALE	O-INDNS	MR063024	R1	CY7C1019CV33-10VC	121	168	45	0	
V32421XLN	R-CML	MR064003	R1	CY7C1019CV33-12VC	121	336	50	0	
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	121	168	50	0	
<b>Summary for Package Family : SOIC (J-Lead) (8 records)</b>									
<b>Sum</b>								<b>415</b>	<b>0</b>
<b>SOIC (J-Lead, Pb-Free)</b>									
VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	121	168	45	0	
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	121	168	50	0	
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	121	168	50	0	
VZ28311LL	R-CML	NR061004	R7	CY7C199C-12VXC	121	168	50	0	
VZ28311LL	R-CML	NR061004	R8	CY7C199C-12VXC	121	168	50	0	
VZ28320ALR	O-INDNS	70309	R1	CY7C192-15VXCT	121	168	45	0	
VZ2843AGN	O-INDNS	63506	R1	CY7C106	121	168	50	0	
VZ2843AGN	O-INDNS	63506	R1(1)	CY7C106	121	168	50	0	
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	121	168	50	0	
VZ32418LL	R-CML	NR064001	R1	7C109SMC-RVZC	121	168	50	0	
VZ32418LL	R-CML	NR064001	R2	7C109SMC-RVZC	121	168	50	0	
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	121	168	50	0	
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	121	168	50	0	
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	121	168	50	0	
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	121	168	50	0	
<b>Summary for Package Family : SOIC (J-Lead, Pb-Free) (15 records)</b>									
<b>Sum</b>								<b>740</b>	<b>0</b>
<b>TQFP</b>									
A100	L-SEOUL	54904	1	7CL8Q01AC	121	168	100	0	
A100	L-SEOUL	54904	1	7CL8Q01AC	121	288	100	0	
A100	R-CML	62205	R1	S8AUP	121	168	55	0	
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	121	168	50	0	
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	121	168	46	0	
A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	121	168	44	0	
A32BXGAN	L-SEOL	MR063034	R1	CY7C4241AT-QACB	121	168	50	0	
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	121	168	50	0	
A52ASGAGE	Q-KOREA	MR064081	R1	CY7B9945V-5AC	121	168	50	0	
A52ASGAGE	Q-KOREA	MR071062	R1	CY7B9973V-AC	121	168	80	0	
<b>Summary for Package Family : TQFP (10 records)</b>									
<b>Sum</b>								<b>625</b>	<b>0</b>
<b>TQFP (10 X 10)</b>									
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	121	168	50	0	
<b>Summary for Package Family : TQFP (10 X 10) (1 record)</b>									
<b>Sum</b>								<b>50</b>	<b>0</b>
<b>TQFP (Pb-Free)</b>									
AZ100RRALL	R-CML	62603	R1	CY7C1470V33	121	168	50	0	
AZ100RRLL	R-CML	61103	R1	CY7C1470V33	121	168	45	0	
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	121	168	50	0	
AZ100RULN	R-CML	MR063017	R1	CY7C1325G-133AXCT	121	168	56	0	
AZ100RULN	R-CML	MR064010	R1	CY7C1325G-133AXC	121	168	50	0	
AZ100RXLL	R-CML	MR071051	R1	CY7C1354CV25-166AXC	121	168	80	0	
AZ100SEGL	R-CML	64607	R2	8C24094	121	168	39	0	
AZ100SEGL	R-CML	64607	R2A	8C24094	121	168	59	0	
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	121	168	50	0	
AZ128BGAL	G-TAIWAN	MR054010	R1	CY7C68013A-128AXC	121	176	50	0	

AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	121	168	50	0
AZ160SDAAR	Q-KOREA	64701	R1	CY37192P160-83AXC	121	168	50	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	121	168	50	0
AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	121	168	50	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	121	168	49	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	121	168	50	0
AZ52ASGAL	Q-KOREA	MR071005	R1	CY7B9945V-2AXI	121	168	80	0
AZ64EXGAL	G-TAIWAN	MR062102	R1	CY7C4225-15AXC	121	168	44	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	121	168	50	0

**Summary for Package Family : TQFP (Pb-Free) (19 records)**

<b>Sum</b>							<b>1002</b>	<b>0</b>
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**TQFP (Thermal, Pb-Free)**

AG120ABAGR	Q-KOREA	63203	R1	CYS25G0101DX-ATXC	121	168	45	0
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**Summary for Package Family : TQFP (Thermal, Pb-Free) (1 record)**

<b>Sum</b>							<b>45</b>	<b>0</b>
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**TSOP (Pb-Free)**

ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	121	168	50	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	121	168	50	0
ZT28R5GAGL	R-CML	60904	R5	CY7C199-15ZXC	121	168	50	0
ZT48ACALL	G-TAIWAN	MR062020	R1	CY62167DV30LL-55ZXI	121	168	50	0
ZT48ACALL	G-ASE	MR063016	R1	CY62167DV30LL-45ZXI	121	168	45	0

**Summary for Package Family : TSOP (Pb-Free) (5 records)**

<b>Sum</b>							<b>245</b>	<b>0</b>
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**TSOP I**

ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	121	168	49	0
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**Summary for Package Family : TSOP I (1 record)**

<b>Sum</b>							<b>49</b>	<b>0</b>
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**TSOP I (Pb-Free)**

ZB32RHALL	R-CML	64507	R1	CY62128BLL-55ZAXIT	121	168	50	0
ZB32RHALL	R-CML	MR061069	R1	CS6368AM	121	168	43	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	121	168	50	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	121	168	50	0
ZB32RHALN	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	121	168	50	0
ZB32RHALN	R-CML	MR064085	R1	CY62128EV30LL-45AXI	121	168	50	0
ZB32RHALN	R-CML	MR071021	R1	CY62128EV30LL-45ZAXI	121	168	80	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	121	168	50	0

**Summary for Package Family : TSOP I (Pb-Free) (8 records)**

<b>Sum</b>							<b>423</b>	<b>0</b>
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**TSOP II**

ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	121	168	50	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	121	168	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	121	168	45	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	121	96	50	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	121	128	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	121	168	47	0
ZS444AJALN	R-CML	MR071022	R1	CY7C1021CV33-10ZI	121	168	80	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	121	168	50	0
ZS444YAGL	R-CML	53007	R5(1)	CY7C1041B-15ZC	121	1000	58	0
ZS444YBLL	R-CML	60905	R4	CY7C1041AV33-20ZC	121	168	50	0
ZS544AALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	121	168	48	0
ZS544AALE	G-ASE	MR063015	R1	CY7C1061AV33-12ZI	121	168	50	0
ZS544AALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	121	168	45	0

**Summary for Package Family : TSOP II (13 records)**

<b>Sum</b>							<b>668</b>	<b>0</b>
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**TSOP II (Pb-Free)**

ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	121	168	50	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	121	168	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	121	168	50	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXE	121	96	50	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXE	121	168	50	0
ZW444AHGL	R-CML	63807	R2	CY7C1021D	121	500	45	0

ZW444AHGLL	GA-USA	62001	R1	CY7C1021D	121	500	45	0	
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	121	168	50	0	
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	121	288	49	0	
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	121	500	48	0	
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	121	168	50	0	
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	121	288	48	0	
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	121	500	45	0	
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	121	168	50	0	
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXE	121	168	80	0	
ZW444AJLN	R-CML	MR071048	R1	CY7C1020CV33-15ZSXE	121	96	80	0	
ZW444AJLN	R-CML	MR071048	R1	CY7C1020CV33-15ZSXE	121	168	80	0	
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	121	96	49	0	
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	121	168	49	0	
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	121	96	49	0	
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	121	168	49	0	
ZW444AMLN	R-CML	64602	R1	CY62157DV30L	121	96	50	0	
ZW444AMLN	R-CML	64602	R1	CY62157DV30L	121	168	50	0	
ZW444AMLN	R-CML	71103	R1	CY62157ELL	121	96	50	0	
ZW444AMLN	R-CML	71103	R1	CY62157ELL	121	168	48	0	
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXE	121	96	50	0	
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXE	121	168	50	0	
ZW444YAGL	R-CML	63104	R8	CY7C1041D-ZSXI	121	168	50	0	
ZW444YAGL	R-CML	63202	R1	CY7C1041D-ZSXI	121	168	50	0	
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	121	168	50	0	
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	121	168	50	0	
ZW54BGALL	G-TAIWAN	63709	R1A	CY7C1061DV33-10ZXI	121	168	45	0	
<b>Summary for Package Family : TSOP II (Pb-free) (32 records)</b>									
<b>Sum</b>								<b>3939</b>	<b>0</b>
<b>RTSOP</b>									
ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	121	168	50		
<b>Summary for Package Family : RTSOP (1 record)</b>									
<b>Sum</b>								<b>50</b>	<b>0</b>
<b>RTSOP (Pb-free)</b>									
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZXI	121	168	49	0	
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXC	121	168	49	0	
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	121	168	50	0	
ZT32RACALL	RA-CML	63907	R2	CY7C109BN-15ZXC	121	168	50	0	
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	121	168	50	0	
<b>Summary for Package Family : RTSOP (Pb-free) (5 records)</b>									
<b>Sum</b>								<b>248</b>	<b>0</b>
<b>TSSOP</b>									
Z5624BAGN	R-CML	62602	R1	W320-03X	121	168	49	0	
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	121	168	50	0	
Z5624BAGN	R-CML	MR064072	R1	CY28419ZC	121	168	50	0	
Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	121	168	50	0	
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	121	168	50	0	
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	121	168	50	0	
Z1613GAGB	T-TAIWAN	MR071009	R1	CY2308ZI-1H	121	168	80	0	
Z1619GAGN	RA-CML	MR062015	R1	CY22393FC	121	168	50	0	
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	121	168	50	0	
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	121	168	44	0	
<b>Summary for Package Family : TSSOP (10 records)</b>									
<b>Sum</b>								<b>523</b>	<b>0</b>
<b>TSSOP (Pb-Free)</b>									
ZZ1614HAN	T-TAIWAN	MR071054	R1	7C826049AT	121	168	80	0	
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	121	168	50	0	
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	121	168	50	0	
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	121	168	50	0	
ZZ1619GAN	RA-CML	MR071057	R1	CY2309ZXI-1H	121	168	80	0	
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	121	168	50	0	
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	121	168	50	0	

ZZ2817AGL	RA-CML	MR071043	R1	7C8B0061AC-RAZZC	121	168	78	0	
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	121	168	50	0	
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	121	168	49	0	
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	121	168	49	0	
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	121	168	50	0	
ZZ5624BGN	R-CML	MR071002	R1	CY505YC56DT	121	168	80	0	
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	121	168	50	0	
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	121	192	50	0	
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	121	168	43	0	
ZZ642VFRHS	T-TAIWAN	64101	R2	CY505YC64DT	121	168	45	0	
<b>Summary for Package Family : TSSOP (17 records)</b>									
<b>Sum</b>								<b>954</b>	<b>0</b>



Summary Detail -- HAST Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Bldkit	Assy Loc	EvalNum	TV	Device	Temp	Volt	Readout	SS	Rejects	FA	Results
<b>FBGA (0.75-0.8)</b>											
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	130	3.6	128	48	0		
BA48BQAAL	RA-CML	MR061059	R1	CY62137CVSL-70BAI	130	5.5	128	35	0		
BA48BQAAL	RA-CML	MR061059	R1A	CY62137CVSL-70BAI	130	5.5	128	13	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	130	3.63	128	37	0		
BA48BQAAL	RA-CML	MR062038	R1A	CY62137CVSL-70BAI	130	3.63	128	10	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	130	3.65	128	48	1	MR062028-1A1	1-DED
BA48CDGAL	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	130	5.5	128	47	5	MR061060-1A1	5-DED
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	130	3.63	128	12	0		
BA48CRALE	T-TAIWAN	MR062003	R1A	CY62137CVSL-70BAI	130	3.63	128	35	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	130	3.3	128	29	0		
BA48CRALE	T-TAIWAN	MR063029	R1A	CY62137CVSL-70BAIT	130	3.3	128	18	0		
BA48CRALE	OSE-TAIWAN	MR064017	R1	CY62137CVSL-70BAIT	130	3.6	128	21	0		
BA48CRALE	OSE-TAIWAN	MR064017	R1A	CY62137CVSL-70BAIT	130	3.6	128	21	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	130	3.8	128	45	0		
BF144AAAL	SP-TAIWN	61703	R1	CAAIC20500-2	130	3.47	128	47	0		
BF144AAAL	SP-TAIWN	61703	R3	CAAIC20500-2	130	3.47	128	45	0		
<b>Summary for Package Family : FBGA (0.75-0.8) (16 records)</b>								<b>511</b>	<b>6</b>		
<b>Sum</b>											
<b>FBGA (0.75-0.8, Pb-free)</b>											
BK48CPAGL	G-TAIWAN	MR054011	R1	CY7C67200-48BAXI	130	5.5	128	50	0		
<b>Summary for Package Family : FBGA (0.75-0.8, Pb-Free) (1 record)</b>								<b>50</b>	<b>0</b>		
<b>Sum</b>											
<b>FBGA (1.0)</b>											
BB165WALE	RA-CML	55103	2	7R1313BC-RABBC	130	1.8	128	25	0		
BB165WALE	RA-CML	55103	3	7R1313BC-RABBC	130	2.07	128	25	0		
BB165WALE	RA-CML	55103	2(1)	7R1313BC-RABBC	130	1.8	128	25	0		
BB165WALE	RA-CML	55103	3(1)	7R1313BC-RABBC	130	2.07	128	22	0		
BB165WALE	RA-CML	62504	1	CY7C1313AVIB	130	2.07	128	25	0		
BB165WALE	RA-CML	62504	2	CY7C1313AVIB	130	1.8	128	25	0		
BB165WALE	RA-CML	63101	1	CY7C1313AVIB	130	2.07	128	25	0		
BB165WALE	RA-CML	63101	2	CY7C1313AVIB	130	1.8	128	25	0		
BB256IAGE	G-TAIWAN	62004	2	7C76046AC-GBBC	130	1.05	128	46	0		
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	130	1.05	128	45	0		
<b>Summary for Package Family : FBGA (1.0) (10 records)</b>								<b>288</b>	<b>0</b>		
<b>Sum</b>											
<b>FBGA (1.0, Pb-Free)</b>											
<b>Summary for Package Family : FBGA (1.0, Pb-Free) (0 record)</b>											
<b>Sum</b>											
<b>VFBGA (0.75-0.8, 0.3mm)</b>											
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	130	5.5	128	49	0		
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	130	2.2	128	50	0		
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	130	3.63	128	45	0		
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	130	3.3	128	49	0		
BV48BNALE	G-TAIWAN	63901	3	CY62167DV30LL	130	3.6	128	45	0		
BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	130	3.6	128	44	0		
BV48BNALE	G-TAIWAN	63901	R2	CY62167DV30LL	130	3.6	47	23	0		
BV48BNALE	G-TAIWAN	63901	R3	CY62167DV30LL	130	3.6	128	45	0		
BV48BNALE	G-TAIWAN	70203	1	CY62167DV30LL	130	3.6	128	42	0		
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	130	5.5	128	46	0		
<b>Summary for Package Family : VFBGA (0.75-0.8, 0.3mm) (10 records)</b>								<b>438</b>	<b>0</b>		
<b>Sum</b>											
<b>VFBGA (0.75-0.8, 0.3mm, Pb-Free)</b>											
BZ100AAAL	G-TAIWAN	64802	R4	CY7C015V18	130	3.3	128	48	0		
BZ100CGAL	RA-CML	61603	1	7C07100AC-RABZI	130	3.63	128	53	0		
BZ48ABAAGL	AT-INDNS	65103	R1	CYK256K6C9BW-70BVXI	130	3.3	128	45	0		

BZ48BAGMHL	T-TAIWAN	70306	R1	CYK128K16MCBU-70BVXI	130	3.3	128	42	0
BZ48BCJALL	RA-CML	62304	R1	CY62167DV30LL	130	5.5	128	41	0
BZ48BKALE	RA-CML	NR054003	R2	CYK128K16MCBU-70BVXI	130	5.5	128	49	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	130	3.6	128	43	0
BZ48CRALL	G-TAIWAN	62207	R1A	CY62167EV30	130	3.6	128	22	0
BZ48CRALL	G-TAIWAN	62207	R2A	CY62167EV30	130	3.6	128	38	0
BZ56AVAAAL	AT-INDNS	63803	R2	CY7C68013A-56BAXC	121	5.5	128	43	0

Summary for Package Family : VFBGA (0.75-0.8, 0.3mm, Pb-Free) (10 records)

Sum 424 0

PBGA (1.27)

Summary for Package Family : PBGA (1.27) (0 record)

Sum

PBGA (Cavity/Heatsink)

Summary for Package Family : PBGA (Cavity/Heatsink) (0 record)

Sum

PBGA (Heat Spreader)

BH388AAGE	G-TAIWAN	50703	1A	7C7040AH-GBHC	130	1.58	128	23	0
BT388AGAL	G-TAIWAN	50703	2	7C7040AH-GBTC	130	1.58	128	24	0

Summary for Package Family : PBGA (Heat Spreader) (2 records)

Sum 47 0

PBGA (Pb-Free)

BY484SAGL	G-TAIWAN	62503	3	7C08352BC-GBYC	130	2.06	128	18	0
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Summary for Package Family : PBGA (Pb-Free) (1 record)

Sum 18 0

PDIP

P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	130	5.5	128	50	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	130	5.5	128	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	130	5.5	128	50	0

Summary for Package Family : PDIP (3 records)

Sum 150 0

PDIP (Pb-Free)

PZ163AGGN	X-THAI	MR061035	R1	CY7C63801-PXC	130	5.5	128	50	0
PZ163AGGN	X-THAI	MR062012	R1	CY7C63801-PXC	130	5.5	128	50	0
PZ183AX62	O-INDNS	MR062079	R1	CY7C63723-PXC	130	5.5	128	44	0
PZ183AXGN	O-INDNS	65001	R1	CY7C63813-PXC	130	5.5	128	46	0
PZ183AXGN	O-INDNS	65001	R2	CY7C63813-PXC	130	5.5	128	46	0
PZ183AXGN	O-INDNS	65001	R3	CY7C63813-PXC	130	5.5	128	46	0
PZ183AXGN	O-INDNS	70501	R1	CS6632AF	130	5.5	128	77	0
PZ183AXGN	O-INDNS	MR061013	R1	CP6238BM	130	5.5	128	45	0
PZ183AXGN	O-INDNS	MR063022	R1	CY7C63813-PXC	130	5.5	128	45	0
PZ183AXGN	O-INDNS	MR071003	R1	CY7C63723C-PXC	130	5.5	128	44	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	130	5.5	128	39	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	130	5.5	128	49	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	130	5.5	128	45	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	130	5.5	128	45	0
PZ2434XGN	O-INDNS	MR063061	R1	CY7C63743-PXC	130	5.5	128	45	0
PZ243DAXGS	O-INDNS	MR064001	R1	CY7C63743C-PXC	130	5.5	128	45	0
PZ283EHAL	O-INDNS	MR071031	R1	CY8C24423A-24PXI	130	5.25	128	77	0

Summary for Package Family : PDIP (Pb-Free) (17 records)

Sum 838 0

PLCC

J32RBGAAGB	X-THAI	MR064023	R1	CY7B991-5JI	130	3.6	128	50	0
J32RBGAGB	X-THAI	MR062098	R1	CY7B992-2JC	130	3.63	128	50	0
J32RBGAGB	M-PHIL	MR063076	R1	CY7B991-2JC	130	3.63	128	50	0
J32RBGAGB	X-THAI	MR063105	R1	CY7B991-2JC	130	3.63	128	50	0
J32RBGAGB	M-PHIL	MR071007	R1	CY7B991-5JC	130	3.63	128	40	0
J32RBGAGB	M-PHIL	MR071007	R1A	CY7B991-5JC	130	3.63	128	40	0
J32RFAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	130	5.5	128	47	0

Summary for Package Family : PLCC (7 records)

Sum 327 0

PLCC (Pb-Free)

JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	130	5.5	128	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	130	5.5	128	50	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	130	5.5	128	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	130	5.5	128	47	0

Summary for Package Family : PLCC (Pb-Free) (4 records)

Sum 197 0

PQFP

Summary for Package Family : PQFP (0 record)

Sum

PQFP (Pb-Free)

Summary for Package Family : PQFP (Pb-Free) (0 record)

Sum

QFN (COL, Pb-Free)

LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	130	5.5	128	45	0
LG16AA	M-PHIL	63602	R2	CY8C20234-12LKXI	130	5.5	128	45	0

Summary for Package Family : QFN (COL, Pb-Free) (2 records)

Sum 90 0

QFN (Punch Type)

Summary for Package Family : QFN (Punch Type) (0 record)

Sum

QFN (Punch Type, Pb-Free)

LY20AGAGL	L-SEOUL	53408	1	7C870442AC-LLYC	130	2.35	128	48	0
LY20AGAGL	L-SEOUL	53408	1	7C870442AC-LLYC	130	2.35	256	48	0
LY20AGAGL	L-SEOUL	53408	1(1)	7C870442AC-LLYC	130	2.35	128	48	0
LY20AGAGL	L-SEOUL	53408	1(1)	7C870442AC-LLYC	130	2.35	256	47	0
LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	130	3.63	128	45	0
LY56DGAGL	L-SEOUL	MR054024	R1	CY7C68300B-56LFXC	130	5.5	128	45	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	130	3.63	128	48	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	130	5.5	128	49	0
LY68AGAAGL	L-SEOUL	NR064004	R1	8C24995AK-LLYI	130	5.5	128	44	0
LY72AGAGL	L-SEOUL	63601	R1	CY28447LFXC	130	3.63	128	42	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	130	3.8	128	45	0
LY72AGAGL	L-SEOUL	NR061002	R1	CY28447LFXC	130	5.5	128	21	0
LY72AGAGL	L-SEOUL	NR061002	R1	CY28447LFXC	130	5.5	128	23	0
LY72AGAGL	L-SEOUL	NR061002	R1A	CY28447LFXC	130	3.63	128	23	0
LY72AGAGL	L-SEOUL	NR061002	R2	CY28447LFXC	130	5.5	128	23	0
LY72AGAGL	L-SEOUL	NR061002	R2A	CY28447LFXC	130	5.5	128	22	0
LY72AGAGL	L-SEOUL	NR061002	R3	CY28447LFXC	130	5.5	128	47	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	130	5.25	128	45	0
LK32HGAGL	RA-CML	NR062002	R1	8C21434AC-RALKI	130	5.5	128	43	0
LK32HGAGL	RA-CML	NR062002	R2	8C21434AC-RALKI	130	5.5	128	44	0
LK32HGAGL	RA-CML	NR062002	R4	8C21434AC-RALKI	130	5.5	128	45	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	130	5.5	128	46	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	130	5.25	128	46	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	130	5.25	128	42	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	130	5.25	128	46	0
LK32IGAGL	RA-CML	NR063001	R4	CY8C21434-24LKXI	130	5.25	128	46	0
LK32IGAGL	RA-CML	NR063001	R5	CY8C21434-24LKXI	130	5.25	128	46	0
LK32IGAGL	RA-CML	NR063001	R6	CY8C21434-24LKXI	130	5.25	128	46	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	130	5.25	128	45	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	130	5.25	128	45	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	130	5.25	128	46	0

Summary for Package Family : QFN (Punch Type, Pb-Free) (31 records)

Sum 1299 0

QFN (Saw Type, Pb-Free)

LQ32BAAAAGL	AT-INDNS	70307	R1	CY8C21434A	130	5.25V	128	76	0
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Summary for Package Family : QFN (Saw Type, Pb-Free) (1 record)

Sum 76 0

QSOP (Pb-Free)

SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	130	3.63	128	44	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	130	5.5	128	45	0

SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	130	5.5	128	45	0
<b>Summary for Package Family : QFN (Pb-Free) (3 records)</b>									
<b>Sum</b>								<b>134</b>	<b>0</b>
<b>SNC</b>									
SN2831AHB	R-CML	MR061036	R1	CS5756AT	130	3.8	96	45	0
SN2831AHB	R-CML	MR061036	R1	CS5756AT	130	3.8	128	45	0
SN2831AHB	R-CML	MR062025	R1	CS5756AT	130	5.5	96	48	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNULL-70SNC	130	3.8	128	45	0
<b>Summary for Package Family : SNC (4 records)</b>									
<b>Sum</b>								<b>183</b>	<b>0</b>
<b>SNC (Pb-Free)</b>									
SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	130	5.5	128	45	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXN	130	5.5	96	45	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXN	130	5.5	128	45	0
<b>Summary for Package Family : SNC (Pb-Free) (3 records)</b>									
<b>Sum</b>								<b>135</b>	<b>0</b>
<b>SOIC</b>									
S324513GB	R-CML	MR061065	R1	CS5761AT	130	5.5	96	45	0
S324513GB	R-CML	MR061065	R1	CS5761AT	130	5.5	128	45	0
S324513GB	R-CML	MR062004	R1	CS5761AT	130	5.5	96	49	0
S324513GB	R-CML	MR062004	R1	CS5761AT	130	5.5	128	45	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	130	5.5	128	49	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	130	5.5	128	45	0
S0815BAGB	O-INDNS	MR062069	R1	CY2305SC-1HT	130	3.63	128	44	0
S0815BAGB	O-INDNS	MR063023	R1	CY241V08ASC-01	130	3.63	128	45	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	130	3.63	128	44	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	130	3.63	128	45	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	130	3.63	128	49	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	130	3.8	128	49	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	130	3.63	128	50	0
S1615AAGB	O-INDNS	MR061012	R1	CY2308SI-1T	130	3.8	128	45	0
S1615EAGB	M-PHIL	MR061024	R1	CY2308SC-3	130	3.8	128	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	130	3.8	128	48	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	130	3.8	128	48	0
S1615KAGN	RA-CML	MR071055	R1	CY2309SC-1H	130	3.63	128	80	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	130	5.5	128	50	0
<b>Summary for Package Family : SOIC (19 records)</b>									
<b>Sum</b>								<b>925</b>	<b>0</b>
<b>SOIC (Pb-Free)</b>									
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	130	2.35	128	48	0
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	130	2.35	256	47	0
SZ1615	RA-CML	61704	R1	W129AG	130	3.63	128	50	0
SZ1615	RA-CML	61704	R3A	W129AG	130	3.63	128	45	0
SZ1615	RA-CML	61704	R3B	W129AG	130	3.63	128	44	0
SZ1615FAL	T-TAIWAN	MR061034	R1	CY23EP09SXC-1H	130	3.8	128	48	0
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	130	3.63	128	48	0
SZ1615FAL	T-TAIWAN	NR061001	R1	CY23EP09SXC-1H	130	3.8	128	45	0
SZ1615FAL	T-TAIWAN	NR061001	R2	CY23EP09SXC-1H	130	3.8	128	44	0
SZ1615FAL	T-TAIWAN	NR061001	R3	CY23EP09SXI-1H	130	3.8	128	45	0
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	130	3.8	128	49	0
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	130	5.5	128	47	0
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	130	5.5	128	49	0
SZ183AGAN	M-PHIL	NR061007	R1	CY7C63231A-SXC	130	5.5	128	50	0
SZ183AGAN	M-PHIL	NR061007	R2	CY7C63231A-SXC	130	5.5	128	44	0
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	130	5.5	128	50	0
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	130	5.5	128	50	0
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	130	5.5	128	50	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	130	5.5	128	45	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	130	5.5	128	45	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	130	5.5	128	45	0
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	130	5.5	128	49	0

SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	130	5.5	128	50	0
SZ24312GN	R-CML	MR061009	R1	CY7B951-SXC	130	5.5	128	50	0
SZ324514LL	R-CML	MR062044	R1	CY62148DV30LL-55SXI	130	3.6	128	45	0
SZ324514LL	R-CML	MR064021	R1	CY62148DV30LL-70SXI	130	3.6	128	49	0
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	130	3.63	128	50	0

Summary for Package Family : SOIC (Pb-Free) (27 records)

Sum 1281 0

**SSOP**

O2824GAGB	T-TAIWAN	MR061027	R1	CY28400OCT	130	3.63	128	47	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	130	3.63	128	48	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	130	3.3	128	49	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	130	3.3	128	49	0
O563AXAGN	R-CML	MR061007	R1	CY284690CT	130	5.5	128	45	0
O563AXAGN	R-CML	MR063026	R1	CY28419OC	130	3.8	128	45	0
O563AXAGN	R-CML	MR064045	R1	CY28419OC	130	3.8	128	45	0
O563AXAGN	R-CML	MR071027	R1	CY28419OC	130	3.8	128	44	0
O563AXAGN	R-CML	MR071027	R1A	CY28419OC	130	3.8	128	36	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	130	3.63	128	44	0

Summary for Package Family : SSOP (10 records)

Sum 452 0

**SSOP (Pb-Free)**

SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	130	5.25	128	49	0
SP2029AAGL	RA-CML	NR064003	R1	CY8C21334-24PVXI	130	5.5	128	49	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	130	3.63	128	45	0
SP28214GL	T-TAIWAN	63002	R2	CY8C24423A-PVXI	130	5.25	128	45	0
SP28214GL	T-TAIWAN	63002	R3	CY8C24423A-PVXI	130	5.25	128	47	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	130	5.25	128	46	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	130	5.25	256	46	0
SP28214GL	T-TAIWAN	63003	R3	CY8C26443-24PVXI	130	5.25	128	49	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	130	5.25	128	45	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	130	5.25	128	40	0
SP28215GLL	RA-CML	63711	R1	CY8C29466A-24PVXI	130	5.25	128	43	0
SP2821AGB	M-PHIL	54204	R1	CYW40S110XC-2	130	3.63	256	46	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	130	5.25	128	49	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	130	5.25	128	49	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	130	5.25	128	49	0
SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	130	5.25	128	47	0
SP2822BGL	M-PHIL	54603	R1A	CY8C29466-12PVXE	130	5.25	128	33	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	130	5.25	96	78	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	130	5.25	128	78	0
SP2822BGL	M-PHIL	54603	R3	CY8C29466-12PVXE	130	5.25	96	78	0
SP2822BGL	M-PHIL	54603	R3	CY8C29466-12PVXE	130	5.25	128	78	0
SP2822BGL	M-PHIL	63503	R1	CY8C29466-12PVXE	130	5.25	128	47	0
SP2822BGL	M-PHIL	63503	R1A	CY8C29466-12PVXE	130	5.25	128	33	0
SP2822BGL	M-PHIL	63503	R2	CY8C29466-12PVXE	130	5.25	96	78	0
SP2822BGL	M-PHIL	63503	R2	CY8C29466-12PVXE	130	5.25	128	78	0
SP48AAAAGR	M-PHIL	71101	3	CY14B101L-SP45XC	130	3.6	128	45	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	130	3.63	128	40	0
SP563AAGN	R-CML	MR064026	R1	CY284100XC	130	3.63	128	45	0
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	130	3.8	128	45	0

Summary for Package Family : SSOP (Pb-Free) (30 records)

Sum 1500 0

**SOIC (J-Lead)**

V243GGBLE	O-INDNS	MR061083	R1	CY7C197B-15VC	130	5.5	128	45	0
V2835GAHN	R-CML	62101	R1	CY7C1599	130	5.5	128	45	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	130	5.5	128	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	130	5.5	128	48	0
V2835GALN	R-CML	MR071001	R1	CY7C185-25VC	130	5.5	128	80	0
V32417ALE	O-INDNS	MR063024	R1	CY7C1019CV33-10VC	130	3.63	128	45	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	130	3.6	128	45	0

Summary for Package Family : SOIC (J-Lead) (7 records)

<b>Sum</b>										<b>358</b>	<b>0</b>
<b>SOIC (J-Lead, Pb-Free)</b>											
VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	130	5.75	128	44	0		
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	130	5.5	128	48	0		
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	130	5.5	128	49	0		
VZ2439AGS	O-INDNS	NR062004	R1	CY7C187-25VXC	130	5.5	128	44	0		
VZ2439AGS	O-INDNS	NR062004	R2	CY7C187-35VXC	130	5.5	128	44	0		
VZ2439AGS	O-INDNS	NR062004	R3	CY7C187-25VXC	130	5.5	128	44	0		
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	130	5.5	128	44	0		
VZ2843AGN	O-INDNS	63506	R1	CY7C106	130	5.5	128	50	0		
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	130	5.5	128	50	0		
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	130	3.63	128	50	0		
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	130	3.3	128	45	0		
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	130	3.63	128	45	0		
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	130	5.5	128	50	0		
VZ444ZALL	R-CML	MR071024	R1	CY7C1021CV33-10VXC	130	5.5	128	80	0		

**Summary for Package Family : SOIC (J-Lead, Pb-Free) (14 records)**

<b>Sum</b>										<b>687</b>	<b>0</b>
<b>TQFP</b>											
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	130	3.63	128	50	0		
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	130	2.75	128	45	0		
A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	130	5.5	128	45	0		
A100SGAGL	R-CML	53901	R5A	CY7C027V-25AC	130	3.6	256	45	0		
A100SGAGL	R-CML	MR061002	R1	CY7C027V-25AC	130	3.63	128	45	0		
A128SAGLL	R-CML	NR061005	R1	CY7C68013-128AC	130	5.5	128	44	0		
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	130	3.63	128	50	0		

**Summary for Package Family : TQFP (7 records)**

<b>Sum</b>										<b>324</b>	<b>0</b>
<b>TQFP (10 X 10)</b>											
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	130	3.8	128	50	0		

**Summary for Package Family : TQFP (10 X 10) (1 record)**

<b>Sum</b>										<b>50</b>	<b>0</b>
<b>TQFP (Pb-Free)</b>											
AZ100RIALL	R-CML	53901	R2	CY7C1370D	130	3.6	256	46	0		
AZ100RSLL	R-CML	MR061068	R1	CY7C1347G-133AXC	130	5.5	128	47	0		
AZ100RSLL	R-CML	MR061068	R1A	CY7C1347G-133AXC	130	5.5	128	50	0		
AZ100RUAGN	CML-R	65105	R1	CY7C68013A-100AXC	130	3.63	168	50	0		
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	130	3.3	128	47	0		
AZ100RULN	CML-R	MR064010	R1	CY7C1325G-133AXC	130	3.3	128	48	0		
AZ100SFAL	R-CML	MR061003	R1	CY7C024-55AXC	130	5.5	128	45	0		
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	130	5.5	128	45	0		
AZ100SFAL	R-CML	MR063065	R1A	CY7C024AVN-25AXC	130	3.63	128	45	0		
AZ100SFAL	R-CML	MR063065	R1B	CY7C024AVN-25AXC	130	3.63	128	30	0		
AZ100SFAL	R-CML	MR063065	R2A	CY7C024AVN-25AXC	130	3.63	128	36	0		
AZ100SFAL	R-CML	MR063065	R2B	CY7C024AVN-25AXC	130	3.63	128	36	0		
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	130	5.5	128	48	0		
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	130	3.63	128	50	0		
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	130	3.63	128	20	0		
AZ52ASGAL	Q-KOREA	MR062062	R1A	CY7B9945V-AXC	130	3.63	128	30	0		
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	130	3.63	128	50	0		

**Summary for Package Family : TQFP (Pb-Free) (17 records)**

<b>Sum</b>										<b>723</b>	<b>0</b>
<b>TQFP (Thermal, Pb-Free)</b>											
AG120ABAGR	Q-KOREA	63203	R1	CYS25G0101DX-ATXC	130	3.63	128	44	0		

**Summary for Package Family : TQFP (Thermal, Pb-Free) (1 record)**

<b>Sum</b>										<b>44</b>	<b>0</b>
<b>TSOP (Pb-Free)</b>											
ZT28R2AGN	R-CML	MR061010	R1	CY7C199-15ZXC	130	5.5	128	49	0		
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	130	5.5	128	50	0		
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	130	5.5	128	49	0		
ZT28R5GAGL	R-CML	60904	R4	CY7C199-15ZXC	130	5.5	128	49	0		

ZT48ACALL	G-ASE	MR063016	R1	CY62167DV30LL-45ZXI	130	3.63	128	40	0
<b>Summary for Package Family : TSOP (Pb-Free) (5 records)</b>									
<b>Sum</b>								<b>237</b>	<b>0</b>
<b>TSOP I</b>									
ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	130	3.6	128	47	0
<b>Summary for Package Family : TSOP I (1 record)</b>									
<b>Sum</b>								<b>47</b>	<b>0</b>
<b>TSOP I (Pb-Free)</b>									
ZB32RHALL	R-CML	MR061069	R1	CS6368AM	130	5.5	128	42	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	130	3.6	128	49	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	130	3.63	128	49	0
ZB32RHALN	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	130	3.6	256	45	0
ZB32RHALN	R-CML	MR064085	R1	CY62128EV30LL-45AXI	130	3.63	128	45	0
ZB32RHALN	R-CML	MR071021	R1	CY62128EV30LL-45ZAXI	130	5.5	128	80	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	130	5.5	128	45	0
<b>Summary for Package Family : TSOP I (Pb-Free) (7 records)</b>									
<b>Sum</b>								<b>355</b>	<b>0</b>
<b>TSOP II</b>									
ZS324FAGE	T-TAIWAN	MR061038	R1	CY7C1019CV33-RZC	130	3.65	128	49	0
ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	130	3.63	128	50	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	130	3.65	128	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	130	3.65	128	45	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	130	5.5	96	44	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	130	5.5	128	44	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	130	3.65	128	45	0
ZS444AJALN	R-CML	MR071022	R1	CY7C1021CV33-10ZI	130	3.65	128	80	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	130	3.65	128	45	0
ZS444VAGL	R-CML	MR061063	R1	CY7C1021B-15ZC	130	5.5	128	87	0
ZS444YBLL	R-CML	60905	R5	CY7C1041AV33-20ZC	130	3.63	128	45	0
ZS544AALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	130	3.65	128	50	0
ZS544AALE	G-ASE	MR063015	R1	CY7C1061AV33-12ZI	130	3.65	128	50	0
<b>Summary for Package Family : TSOP II (13 records)</b>									
<b>Sum</b>								<b>679</b>	<b>0</b>
<b>TSOP II (Pb-Free)</b>									
ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	130	5.5	128	49	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	130	5.5	128	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	130	5.5	128	50	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXE	130	5.5	96	45	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXE	130	5.5	128	43	0
ZW444AFLL	R-CML	54909	R1	CY62157EV	130	3.63	128	45	0
ZW444AHGL	CML-R	63807	R2	CY7C1021D	130	3.77	256	45	0
ZW444AHGLL	GA-USA	62001	R1	CY7C1021D	130	3.77	256	45	0
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	130	3.77	128	41	0
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	130	3.77	256	34	0
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	130	3.77	128	43	0
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	130	3.77	256	35	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	130	3.65	128	45	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXE	130	3.65	128	45	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	130	3.65	96	45	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	130	3.65	128	45	0
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	130	3.65	96	45	0
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	130	3.65	128	45	0
ZW444AMLN	R-CML	64602	R1	CY62157DV30L	130	3.6	96	47	0
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXE	130	3.6	96	45	0
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXE	130	3.6	128	45	0
ZW444VAGL	R-CML	52207	R3	CY7C1041DV33	130	3.65	256	41	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	130	3.65	128	45	0
ZW54BGALL	G-TAIWAN	63709	R1A	CY7C1061DV33-10ZXI	130	3.65	128	45	0
<b>Summary for Package Family : TSOP II (Pb-free) (24 records)</b>									
<b>Sum</b>								<b>1063</b>	<b>0</b>
<b>RTSOP</b>									

ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	130	5.5	128	50	0
<b>Summary for Package Family : RTSOP (1 record)</b>									
<b>Sum</b>								<b>50</b>	<b>0</b>
<b>RTSOP (Pb-free)</b>									
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZXI	130	3.6	128	49	0
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXCT	130	5.5	128	50	0
ZT32RABALL	T-TAIWAN	MR071049	R1	CY62128ELL-45ZXI	130	5.5	128	80	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	130	5.5	128	50	0
<b>Summary for Package Family : RTSOP (Pb-free) (4 records)</b>									
<b>Sum</b>								<b>229</b>	<b>0</b>
<b>TSSOP</b>									
Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	130	3.8	128	48	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	130	3.8	128	47	0
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	130	3.8	128	48	0
Z1614GAGB	T-TAIWAN	MR061049	R1	CY22392ZC-347	130	3.8	128	48	0
Z1619GAGN	RA-CML	MR062015	R1	CY22393FC	130	3.63	128	47	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	130	3.8	128	45	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	130	5.5	128	45	0
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	130	3.8	128	50	0
Z5624BAGN	R-CML	MR064072	R1	CY28419ZC	130	3.8	128	48	0
<b>Summary for Package Family : TSSOP (9 records)</b>									
<b>Sum</b>								<b>426</b>	<b>0</b>
<b>TSSOP (Pb-Free)</b>									
ZZ1614HAN	T-TAIWAN	MR061050	R1	CY23FS04ZXI	130	3.8	128	48	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	130	3.63	128	47	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	130	3.8	128	48	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	130	3.8	128	48	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	130	3.63	128	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	130	3.63	128	50	0
ZZ2813AAGL	T-TAIWAN	NR054005	R3	CY28517ZXC	130	3.8	128	50	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXC	130	3.8	128	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXC	130	3.63	128	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	130	3.63	128	47	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	130	3.63	128	48	0
ZZ5624BGN	R-CML	MR071002	R1	CY505YC56DT	130	3.63	128	80	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	130	3.63	128	48	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	130	3.63	128	43	0
ZZ642VFRHS	T-TAIWAN	64101	R2	CY505YC64DT	130	3.63	128	42	0
<b>Summary for Package Family : TSSOP (15 records)</b>									
<b>Sum</b>								<b>749</b>	<b>0</b>



Summary Detail -- TCT Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Bldkit	Assy Site	EvalNum	TV	Device	High Temp	Low Temp	Cycles	SS	Rejects	FA	Results
<b>CQFP (Pb-free)</b>											
U160C	X-THAI	54004	R1	VIC068B-UM	150C	-65C	100	45	0		
U160C	X-THAI	54004	R1	VIC068B-UM	150C	-65C	1000	45	0		
<b>Summary for Package Family : CQFP (Pb-free) (2 records)</b>											
<b>Sum</b>								<b>90</b>	<b>0</b>		
<b>FBGA (0.75-0.8)</b>											
BF144AAALE	SP-TAIWN	61703	R1	CAAIC20500-2	150C	-65C	300	50	0		
BF144AAALE	SP-TAIWN	61703	R1	CAAIC20500-2	150C	-65C	500	50	0		
BF144AAALE	SP-TAIWN	61703	R1	CAAIC20500-2	150C	-65C	1000	50	0		
BF144AAALE	SP-TAIWN	61703	R2	CAAIC20500-2	150C	-65C	300	50	0		
BF144AAALE	SP-TAIWN	61703	R2	CAAIC20500-2	150C	-65C	500	50	0		
BF144AAALE	SP-TAIWN	61703	R2	CAAIC20500-2	150C	-65C	1000	50	0		
BF144AAALE	SP-TAIWN	61703	R3	CAAIC20500-2	150C	-65C	300	50	0		
BF144AAALE	SP-TAIWN	61703	R3	CAAIC20500-2	150C	-65C	500	49	0		
BF144AAALE	SP-TAIWN	61703	R3	CAAIC20500-2	150C	-65C	1000	49	0		
BA48BQAAL	RA-CML	MR061059	R1	CY62137CVSL-70BAI	150C	-65C	300	50	0		
BA48BQAAL	RA-CML	MR061059	R1	CY62137CVSL-70BAI	150C	-65C	500	50	0		
BA48BQAAL	RA-CML	MR061059	R1	CY62137CVSL-70BAI	150C	-65C	1000	50	0		
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	150C	-65C	300	50	0		
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	150C	-65C	500	49	0		
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	150C	-65C	1000	49	0		
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	150C	-65C	300	50	0		
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	150C	-65C	500	50	0		
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	150C	-65C	1000	48	0		
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	150C	-65C	300	50	0		
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	150C	-65C	500	49	0		
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	150C	-65C	1000	49	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	150C	-65C	300	50	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	150C	-65C	500	50	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	150C	-65C	1000	50	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	150C	-65C	300	50	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	150C	-65C	500	50	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	150C	-65C	1000	49	0		
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	150C	-65C	300	48	0		
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	150C	-65C	500	48	0		
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	150C	-65C	1000	48	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	150C	-65C	300	50	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	150C	-65C	500	50	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	150C	-65C	1000	50	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	150C	-65C	300	45	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	150C	-65C	500	45	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	150C	-65C	1000	45	0		
BA48CRALE	OSE- TAIWAN	MR064017	R1	CY62137CVSL-70BAIT	150C	-65C	300	46	0		
BA48CRALE	OSE- TAIWAN	MR064017	R1	CY62137CVSL-70BAIT	150C	-65C	500	46	0		
BA48CDGALE	G-TAIWAN	MR064063	R1	CY7C1041CV33-10BAC	150C	-65C	300	49	0		
BA48CDGALE	G-TAIWAN	MR064063	R1	CY7C1041CV33-10BAC	150C	-65C	500	49	0		
BA48CRALE	T-TAIWAN	MR071052	R1	CY62137CVSL-70BAI	150C	-65C	500	80	0		
BA48CRALE	T-TAIWAN	MR071053	R1	CY62137CVSL-70BAI	150C	-65C	500	80	0		
BA48BQAAL	RA-CML	MR071064	R1	CY62137CVSL-70BAI	150C	-65C	500	80	0		
<b>Summary for Package Family : FBGA (0.78-0.8) (43 records)</b>											
<b>Sum</b>								<b>2200</b>	<b>0</b>		
<b>FBGA (0.75-0.8, Pb-free)</b>											
BK48CDALL	G-TAIWAN	MR053012	R1	CY7C1041CV33-10BAXC	150C	-65C	1000	48	0		
BK48CPAGL	G-TAIWAN	MR054011	R1	CY7C67200-48BAXI	150C	-65C	500	50	0		

BK48CPAGL	G-TAIWAN	MR054011	R1	CY7C67200-48BAXI	150C	-65C	1000	50	0
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	150C	-65C	300	50	0
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	150C	-65C	500	50	0
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	150C	-65C	1000	49	0
BK48CDALL	G-TAIWAN	MR064057	R1	CY7C1041CV33-10BAXI	150C	-65C	300	48	0
BK48CDALL	G-TAIWAN	MR064057	R1	CY7C1041CV33-10BAXI	150C	-65C	500	48	0
BK48CDALL	G-TAIWAN	MR064057	R1	CY7C1041CV33-10BAXI	150C	-65C	1000	48	0
BK48BQALL	RA-CML	MR071046	R1	CY62137CVSL-70BAXI	150C	-65C	500	80	0

Summary for Package Family : FBGA (0.78-0.8, Pb-free) (10 records)

Sum 521 0

<b>FBGA (1.0)</b>									
BB256IAGE	G-TAIWAN	52303	1	7C76046AC-GBBC	150C	-65C	500	47	0
BB256IAGE	G-TAIWAN	52303	1	7C76046AC-GBBC	150C	-65C	1000	45	0
BB165ANLE	G-TAIWAN	54907	1	7C1565AC-GBBC	150C	-65C	300	46	0
BB165ANLE	G-TAIWAN	54907	1	7C1565AC-GBBC	150C	-65C	500	45	0
BB165ANLE	G-TAIWAN	54907	1	7C1565AC-GBBC	150C	-65C	1000	44	0
BB165WALE	RA-CML	55103	R1	CY7C1313AVIB	150C	-65C	300	33	0
BB165WALE	RA-CML	55103	R1	CY7C1313AVIB	150C	-65C	500	33	0
BB165WALE	RA-CML	55103	R1	CY7C1313AVIB	150C	-65C	1000	33	0
BB165WALE	RA-CML	55103	R1(1)	CY7C1313AVIB	150C	-65C	300	37	0
BB165WALE	RA-CML	55103	R1(1)	CY7C1313AVIB	150C	-65C	500	37	0
BB165WALE	RA-CML	55103	R1(1)	CY7C1313AVIB	150C	-65C	1000	37	0
BB165WALE	RA-CML	55103	R2	CY7C1313AVIB	150C	-65C	300	44	0
BB165WALE	RA-CML	55103	R2	CY7C1313AVIB	150C	-65C	500	44	0
BB165WALE	RA-CML	55103	R2	CY7C1313AVIB	150C	-65C	1000	42	0
BB165WALE	RA-CML	55103	R3	CY7C1313AVIB	150C	-65C	300	45	0
BB165WALE	RA-CML	55103	R3	CY7C1313AVIB	150C	-65C	500	45	0
BB165WALE	RA-CML	55103	R3	CY7C1313AVIB	150C	-65C	1000	45	0
BB165ANLE	G-TAIWAN	60908	3	7C1565AC-GBBC	150C	-65C	300	46	0
BB165ANLE	G-TAIWAN	60908	3	7C1565AC-GBBC	150C	-65C	500	45	0
BB165ANLE	G-TAIWAN	60908	3	7C1565AC-GBBC	150C	-65C	1000	44	0
BB165ANLE	G-TAIWAN	61002	3	7C1565AC-GBBC	150C	-65C	300	46	0
BB165ANLE	G-TAIWAN	61002	3	7C1565AC-GBBC	150C	-65C	500	45	0
BB165ANLE	G-TAIWAN	61002	3	7C1565AC-GBBC	150C	-65C	1000	44	0
BB256IAGE	G-TAIWAN	62004	1	7C76046AC-GBBC	150C	-65C	500	47	0
BB256IAGE	G-TAIWAN	62004	1	7C76046AC-GBBC	150C	-65C	1000	45	0
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	150C	-65C	300	47	0
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	150C	-65C	500	46	0
BB256IAGE	G-TAIWAN	62004	3	7C76046AC-GBBC	150C	-65C	1000	46	0
BB256IAGE	G-TAIWAN	62004	6	7C76046AC-GBBC	150C	-65C	300	46	0
BB256IAGE	G-TAIWAN	62004	6	7C76046AC-GBBC	150C	-65C	500	45	0
BB256IAGE	G-TAIWAN	62004	6	7C76046AC-GBBC	150C	-65C	1000	40	0
BB165WALE	RA-CML	62504	R1	CY7C1313AVIB	150C	-65C	300	33	0
BB165WALE	RA-CML	62504	R1	CY7C1313AVIB	150C	-65C	500	33	0
BB165WALE	RA-CML	62504	R1(1)	CY7C1313AVIB	150C	-65C	300	37	0
BB165WALE	RA-CML	62504	R1(1)	CY7C1313AVIB	150C	-65C	500	37	0
BB165WALE	RA-CML	62504	R1(1)	CY7C1313AVIB	150C	-65C	1000	37	0
BB165WALE	RA-CML	62504	R2	CY7C1313AVIB	150C	-65C	300	44	0
BB165WALE	RA-CML	62504	R3	CY7C1313AVIB	150C	-65C	300	45	0
BB165WALE	RA-CML	62504	R3	CY7C1313AVIB	150C	-65C	500	45	0
BB165WALE	RA-CML	63101	R1	CY7C1313AVIB	150C	-65C	300	33	0
BB165WALE	RA-CML	63101	R1	CY7C1313AVIB	150C	-65C	500	33	0
BB165WALE	RA-CML	63101	R1	CY7C1313AVIB	150C	-65C	1000	33	0
BB165WALE	RA-CML	63101	R1(1)	CY7C1313AVIB	150C	-65C	300	37	0
BB165WALE	RA-CML	63101	R1(1)	CY7C1313AVIB	150C	-65C	500	37	0
BB165WALE	RA-CML	63101	R1(1)	CY7C1313AVIB	150C	-65C	1000	37	0
BB165WALE	RA-CML	63101	R2	CY7C1313AVIB	150C	-65C	300	44	0
BB165WALE	RA-CML	63101	R2	CY7C1313AVIB	150C	-65C	500	44	0
BB165WALE	RA-CML	63101	R2	CY7C1313AVIB	150C	-65C	1000	42	0
BB165WALE	RA-CML	63101	R3	CY7C1313AVIB	150C	-65C	300	45	0
BB165WALE	RA-CML	63101	R3	CY7C1313AVIB	150C	-65C	500	45	0

BB165WALE	RA-CML	63101	R3	CY7C1313AVIB	150C	-65C	1000	45	0
BB256JAGE	G-TAIWAN	63401	1	7C085444AC-GBBC	150C	-65C	300	45	0
BB256JAGE	G-TAIWAN	63401	1	7C085444AC-GBBC	150C	-65C	500	45	0
BB256JAGE	G-TAIWAN	63401	1	7C085444AC-GBBC	150C	-65C	1000	45	0
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	150C	-65C	300	48	0
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	150C	-65C	500	48	0
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	150C	-65C	1000	48	0

Summary for Package Family : FBGA (1.0) (57 records)

Sum 2399 0

FBGA (1.0, Pb-free)

BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	150C	-65C	300	50	0
BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	150C	-65C	500	50	0
BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	150C	-65C	1000	50	0
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	150C	-65C	300	49	0
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	150C	-65C	500	49	0
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	150C	-65C	1000	49	0

Summary for Package Family :FBGA (1.0, Pb-free) (6 records)

Sum 297 0

VFBGA (0.75-0.8, 0.3mm)

BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	150C	-65C	300	43	0
BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	150C	-65C	500	43	0
BV48BNALE	G-TAIWAN	63901	R2	CY62167DV30LL	150C	-65C	300	43	0
BV48BNALE	G-TAIWAN	63901	R2	CY62167DV30LL	150C	-65C	500	43	0
BV48BNALE	G-TAIWAN	63901	R3	CY62167DV30LL	150C	-65C	300	44	0
BV48BNALE	G-TAIWAN	63901	R3	CY62167DV30LL	150C	-65C	500	44	0
BV48BNALE	G-TAIWAN	64505	R1	CY62167DV30	150C	-65C	300	45	0
BV48BNALE	G-TAIWAN	64505	R1	CY62167DV30	150C	-65C	500	43	0
BV48BNALE	G-TAIWAN	64505	R1	CY62167DV30	150C	-65C	1000	43	0
BV48BNALE	G-TAIWAN	70203	R1	CY62137DV30LL	150C	-65C	500	45	0
BV48BNALE	G-TAIWAN	70203	R2	CY62167DV30LL	150C	-65C	500	76	0
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	150C	-65C	300	50	0
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	150C	-65C	500	50	0
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	150C	-65C	1000	50	0
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	150C	-65C	300	49	0
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	150C	-65C	500	49	0
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	150C	-65C	1000	49	0
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	150C	-65C	300	50	0
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	150C	-65C	500	50	0
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	150C	-65C	1000	50	0
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	150C	-65C	300	49	0
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	150C	-65C	500	48	0
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	150C	-65C	1000	48	0
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	150C	-65C	300	48	0
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	150C	-65C	500	48	0
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	150C	-65C	1000	46	0
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	150C	-65C	300	50	0
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	150C	-65C	500	49	0
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	150C	-65C	1000	49	0
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	150C	-65C	300	50	0
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	150C	-65C	500	50	0
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	150C	-65C	1000	49	0
BV48ATALE	RA-CML	MR064069	R1	CY62157DV30LL-55BVI	150C	-65C	300	50	0
BV48ATALE	RA-CML	MR064069	R1	CY62157DV30LL-55BVI	150C	-65C	500	50	0
BV48ATALE	RA-CML	MR064069	R1	CY62157DV30LL-55BVI	150C	-65C	1000	50	0

Summary for Package Family : VFBGA (0.75-0.8, 0.3mm) (35 records)

Sum 1693 0

VFBGA (0.75-0.8, 0.3mm, Pb-free)

BZ48BKALE	RA-CML	54906	R1	CYK128K16MCBLI-70BVXT	150C	-65C	1000	47	0
BZ48BKALE	RA-CML	54906	R2	CYK128K16MCBLI-70BVXT	150C	-65C	500	50	0
BZ48BKALE	RA-CML	54906	R2	CYK128K16MCBLI-70BVXT	150C	-65C	1000	50	0
BZ48BKALE	RA-CML	54906	R3	CYK128K16MCBLI-70BVXT	150C	-65C	500	50	0

BZ48BKALE	RA-CML	54906	R3	CYK128K16MCBLLI-70BVXT	150C	-65C	1000	49	0
BZ48BLCLL	G-TAIWAN	60307	R1	CYK256K16MCBU-70BVXI	150C	-65C	500	45	0
BZ48BLCLL	G-TAIWAN	60307	R1	CYK256K16MCBU-70BVXI	150C	-65C	1000	45	0
BZ48BLCLL	G-TAIWAN	60307	R2	CYK256K16MCBU-70BVXI	150C	-65C	500	45	0
BZ48BLCLL	G-TAIWAN	60307	R2	CYK256K16MCBU-70BVXI	150C	-65C	1000	45	0
BZ48BLCLL	G-TAIWAN	60307	R3	CYK256K16MCBU-70BVXI	150C	-65C	500	44	0
BZ48BLCLL	G-TAIWAN	60307	R3	CYK256K16MCBU-70BVXI	150C	-65C	1000	44	0
BZ48CRALL	G-TAIWAN	62207	R1	CY62167EV30	150C	-65C	300	50	0
BZ48CRALL	G-TAIWAN	62207	R1	CY62167EV30	150C	-65C	500	50	0
BZ48CRALL	G-TAIWAN	62207	R1	CY62167EV30	150C	-65C	1000	50	0
BZ48CRALL	G-TAIWAN	62207	R2A	CY62167EV30	150C	-65C	300	50	0
BZ48CRALL	G-TAIWAN	62207	R2B	CY62167EV30	150C	-65C	300	50	0
BZ48CRALL	G-TAIWAN	62207	R2B	CY62167EV30	150C	-65C	500	50	0
BZ48BCJALL	RA-CML	62304	R1	CY62167DV30LL	150C	-65C	300	45	0
BZ48BCJALL	RA-CML	62304	R1	CY62167DV30LL	150C	-65C	500	45	0
BZ48BCJALL	RA-CML	62304	R1	CY62167DV30LL	150C	-65C	1000	45	0
BZ48BCJALL	RA-CML	62304	R2	CY62167DV30LL	150C	-65C	300	45	0
BZ48BCJALL	RA-CML	62304	R2	CY62167DV30LL	150C	-65C	500	45	0
BZ48BCJALL	RA-CML	62304	R2	CY62167DV30LL	150C	-65C	1000	45	0
BZ48BCJALL	RA-CML	62304	R3	CY62167DV30LL	150C	-65C	300	44	0
BZ48BCJALL	RA-CML	62304	R3	CY62167DV30LL	150C	-65C	500	44	0
BZ48BCJALL	RA-CML	62304	R3	CY62167DV30LL	150C	-65C	1000	44	0
BZ48CGALL	RA-CML	63708	1	U02M6F9CZ-RABZI	150C	-65C	300	50	0
BZ48CGALL	RA-CML	63708	1	U02M6F9CZ-RABZI	150C	-65C	500	50	0
BZ48CGALL	RA-CML	63708	1	U02M6F9CZ-RABZI	150C	-65C	1000	50	0
BZ48CGALL	RA-CML	63708	2	U02M6F9CZ-RABZI	150C	-65C	500	50	0
BZ48CGALL	RA-CML	63708	2	U02M6F9CZ-RABZI	150C	-65C	1000	50	0
BZ48CGALL	RA-CML	63708	3	U02M6F9CZ-RABZI	150C	-65C	300	50	0
BZ48CGALL	RA-CML	63708	3	U02M6F9CZ-RABZI	150C	-65C	500	50	0
BZ48CGALL	RA-CML	63708	3	U02M6F9CZ-RABZI	150C	-65C	1000	50	0
BZ56AVAAAL	AT-INDNS	63803	R1	CY7C68013A-56BAXC	150C	-65C	300	45	0
BZ56AVAAAL	AT-INDNS	63803	R1	CY7C68013A-56BAXC	150C	-65C	500	45	0
BZ56AVAAAL	AT-INDNS	63803	R1	CY7C68013A-56BAXC	150C	-65C	1000	44	0
BZ56AVAAAL	AT-INDNS	63803	R2	CY7C68013A-56BAXC	150C	-65C	300	45	0
BZ56AVAAAL	AT-INDNS	63803	R2	CY7C68013A-56BAXC	150C	-65C	500	45	0
BZ56AVAAAL	AT-INDNS	63803	R2	CY7C68013A-56BAXC	150C	-65C	1000	45	0
BZ56AVAAAL	AT-INDNS	63803	R3	CY7C68013A-56BAXC	150C	-65C	300	45	0
BZ56AVAAAL	AT-INDNS	63803	R3	CY7C68013A-56BAXC	150C	-65C	500	45	0
BZ56AVAAAL	AT-INDNS	63803	R3	CY7C68013A-56BAXC	150C	-65C	1000	45	0
BZ48BKBLE	RA-CML	64604	R1	CYK128K16MCBU-70BVXI	150C	-65C	300	50	0
BZ48BKBLE	RA-CML	64604	R1	CYK128K16MCBU-70BVXI	150C	-65C	500	50	0
BZ48BKBLE	RA-CML	64604	R1	CYK128K16MCBU-70BVXI	150C	-65C	1000	50	0
BZ48BKBLE	RA-CML	64604	R2	CYK128K16MCBU-70BVXI	150C	-65C	300	50	0
BZ48BKBLE	RA-CML	64604	R2	CYK128K16MCBU-70BVXI	150C	-65C	500	50	0
BZ48BKBLE	RA-CML	64604	R2	CYK128K16MCBU-70BVXI	150C	-65C	1000	50	0
BZ48BKBLE	RA-CML	64604	R3	CYK128K16MCBU-70BVXI	150C	-65C	300	50	0
BZ48BKBLE	RA-CML	64604	R3	CYK128K16MCBU-70BVXI	150C	-65C	500	50	0
BZ48BKBLE	RA-CML	64604	R3	CYK128K16MCBU-70BVXI	150C	-65C	1000	49	0
BZ100CGALL	G-TAIWAN	64802	R3	CYWB0124AB-BVXIES	150C	-65C	300	45	0
BZ100CGALL	G-TAIWAN	64802	R3	CYWB0124AB-BVXIES	150C	-65C	500	43	0
BZ100CGALL	G-TAIWAN	64802	R3	CYWB0124AB-BVXIES	150C	-65C	1000	43	0
BZ48BAALL	G-TAIWAN	64903	R1	CY62157DV30L-55BVXE	150C	-65C	1000	50	0
BZ48BAALL	G-TAIWAN	64903	R1	CY62157DV30L-55BVXE	150C	-65C	1000	50	0
BZ48BAALL	G-TAIWAN	64903	R1	CY62157DV30L-55BVXE	150C	-65C	500	54	0
BZ48BAALL	G-TAIWAN	64903	R2	CY62157DV30L-55BVXE	150C	-65C	500	50	0
BZ48ABAAGL	AT-INDNS	65103	R1	CYK256K6C9BW-70BVXI	150C	-65C	300	49	0
BZ48ABAAGL	AT-INDNS	65103	R2	CYK256K6C9BW-70BVXI	150C	-65C	300	49	0
BZ48ABAAGL	AT-INDNS	65103	R3	CYK256K6C9BW-70BVXI	150C	-65C	300	45	0
BZ48BAGMHL	T-TAIWAN	70306	R1	CYK128K16MCBU-70BVXI	150C	-65C	300	48	0
BZ48BAGMHL	T-TAIWAN	70306	R2	CYK128K16MCBU-70BVXI	150C	-65C	300	49	0
BZ48BAGMHL	T-TAIWAN	70306	R3	CYK128K16MCBU-70BVXI	150C	-65C	300	42	0

BZ48CRALL	G-TAIWAN	71302	R1	CY62167EV30	150C	-65C	300	50	0
BZ48CRALL	G-TAIWAN	71302	R1	CY62167EV30	150C	-65C	500	50	0
BZ48CRALL	G-TAIWAN	71302	R1	CY62167EV30	150C	-65C	1000	50	0
BZ48CRALL	G-TAIWAN	71302	R2	CY62167EV30	150C	-65C	300	50	0
BZ48CRALL	G-TAIWAN	71302	R2	CY62167EV30	150C	-65C	500	50	0
BZ48CRALL	G-TAIWAN	71302	R2A	CY62167EV30	150C	-65C	300	50	0
BZ48AZALL	G-TAIWAN	MR061039	R1	CYU00M160DAU-70BVXI	150C	-65C	300	48	0
BZ48AZALL	G-TAIWAN	MR061039	R1	CYU00M160DAU-70BVXI	150C	-65C	500	47	0
BZ48AZALL	G-TAIWAN	MR061039	R1	CYU00M160DAU-70BVXI	150C	-65C	1000	47	0
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCBU	150C	-65C	300	50	0
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCBU	150C	-65C	500	50	0
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCBU	150C	-65C	1000	50	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	150C	-65C	300	50	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	150C	-65C	500	50	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	150C	-65C	1000	50	0
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	150C	-65C	300	50	0
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	150C	-65C	500	50	0
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	150C	-65C	1000	50	0
BZ56AGAGL	G-TAIWAN	MR064027	R1	CY7C68013A-56BAXC	150C	-65C	500	50	0
BZ48BAAALL	G-TAIWAN	MR071038	R1	CY62157DV30LL-70BVXI	150C	-65C	500	80	0
BZ48BKALE	RA-CML	NR054003	R1	CYK128K16MCBU-70BVXI	150C	-65C	1000	49	0
BZ48BKALE	RA-CML	NR054003	R2	CYK128K16MCBU-70BVXI	150C	-65C	1000	49	0
BZ48BKALE	RA-CML	NR054003	R3	CYK128K16MCBU-70BVXI	150C	-65C	300	50	0
BZ48BKALE	RA-CML	NR054003	R3	CYK128K16MCBU-70BVXI	150C	-65C	500	50	0
BZ48BKALE	RA-CML	NR054003	R3	CYK128K16MCBU-70BVXI	150C	-65C	1000	50	0
BZ100CGAL	G-TAIWAN	61603	R1	CYWB0124AB-BVXIES	150C	-65C	300	74	0
BZ100CGAL	G-TAIWAN	61603	R1	CYWB0124AB-BVXIES	150C	-65C	500	74	0
BZ100CGAL	G-TAIWAN	61603	R1	CYWB0124AB-BVXIES	150C	-65C	1000	50	0
BZ100CGAL	G-TAIWAN	61603	R2	CYWB0124AB-BVXIES	150C	-65C	300	75	0
<b>Summary for Package Family : VFBGA (0.75-0.8, 0.3mm, Pb-free) (94 records)</b>									
<b>Sum</b>								<b>4629</b>	<b>0</b>
<b>L2BGA (Pb-free)</b>									
FS388BAGE	GQ-KOREA	55001	5	7C71050CJ-GQFSC	125C	-55C	500	49	0
FS388BAGE	GQ-KOREA	55001	5	7C71050CJ-GQFSC	125C	-55C	1000	49	0
FS388BAGE	GQ-KOREA	55001	5	7C71050CJ-GQFSC	125C	-55C	2000	48	0
<b>Summary for Package Family : L2BGA (Pb-free) (3 records)</b>									
<b>Sum</b>								<b>146</b>	<b>0</b>
<b>PGA</b>									
PGA42	GERMANY	50708	R1	CYIHDEC9000AA	125C	-55C	100	22	0
<b>Summary for Package Family : PGA (1 record)</b>									
<b>Sum</b>								<b>22</b>	<b>0</b>
<b>LCC (Pb-free)</b>									
LZ04AA	ER-TAIWAN	MR062100	R1	CY25701F	150C	-65C	100	50	0
LZ04AA	ER-TAIWAN	MR062100	R1	CY25701F	150C	-65C	1000	50	0
<b>Summary for Package Family : LCC (Pb-free) (2 records)</b>									
<b>Sum</b>								<b>100</b>	<b>0</b>
<b>LCC (Windowed Plastic)</b>									
QY48AAALL	IP-TAIWAN	60702	R1	CAIMG20400-2	125C	-55C	300	44	0
QY48AAALL	IP-TAIWAN	60702	R1	CAIMG20400-2	125C	-55C	500	43	0
QY48AAALL	IP-TAIWAN	60702	R1	CAIMG20400-2	125C	-55C	1000	42	0
QY48AAALL	IP-TAIWAN	60702	R2	CAIMG20400-2	125C	-55C	300	36	0
QY48AAALL	IP-TAIWAN	60702	R2	CAIMG20400-2	125C	-55C	500	36	0
QY48AAALL	IP-TAIWAN	60702	R2	CAIMG20400-2	125C	-55C	1000	36	0
QY48AAALL	IP-TAIWAN	60702	R3	CAIMG20400-2	125C	-55C	300	45	0
QY48AAALL	IP-TAIWAN	60702	R3	CAIMG20400-2	125C	-55C	500	45	0
QY48AAALL	IP-TAIWAN	60702	R3	CAIMG20400-2	125C	-55C	1000	45	0
QY48AAALL	IP-TAIWAN	60702	R4	CAIMG20400-2	125C	-55C	500	37	0
QY48AAALL	IP-TAIWAN	60702	R4	CAIMG20400-2	125C	-55C	1000	35	0
QY48AAALL	IP-TAIWAN	60705	R1	CAIMG20400-2	125C	-55C	300	44	0
QY48AAALL	IP-TAIWAN	60705	R1	CAIMG20400-2	125C	-55C	500	43	0
QY48AAALL	IP-TAIWAN	60705	R1	CAIMG20400-2	125C	-55C	1000	42	0

QY48AAALL	IP-TAIWAN	60705	R2	CAIMG20400-2	125C	-55C	300	36	0
QY48AAALL	IP-TAIWAN	60705	R2	CAIMG20400-2	125C	-55C	500	36	0
QY48AAALL	IP-TAIWAN	60705	R2	CAIMG20400-2	125C	-55C	1000	36	0
QY48AAALL	IP-TAIWAN	60705	R3	CAIMG20400-2	125C	-55C	300	45	0
QY48AAALL	IP-TAIWAN	60705	R3	CAIMG20400-2	125C	-55C	500	45	0
QY48AAALL	IP-TAIWAN	60705	R3	CAIMG20400-2	125C	-55C	1000	45	0

Summary for Package Family : LCC (Windowed Plastic) (21 records)

Sum 816 0

**PBGA (1.27)**

BG119JALE	G-TAIWAN	MR061045	R1	CY7C1062AV33-12BGI	150C	-65C	500	50	0
BG119JALE	G-TAIWAN	MR061045	R1	CY7C1062AV33-12BGI	150C	-65C	1000	50	0
BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	150C	-65C	300	50	0
BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	150C	-65C	500	50	0
BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	150C	-65C	1000	50	0
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	150C	-65C	300	49	0
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	150C	-65C	500	48	0
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	150C	-65C	1000	48	0
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	150C	-65C	300	50	0
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	150C	-65C	500	50	0
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	150C	-65C	1000	50	0

Summary for Package Family : PBGA (1.27) (11 records)

Sum 545 0

**PBGA (Cavity/Heatsink)**

BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	150C	-65C	300	50	0
BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	150C	-65C	1000	48	0
BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	150C	-65C	500	50	0
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	150C	-65C	300	50	0
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	150C	-65C	1000	47	0
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	150C	-65C	500	50	0
BL304ABGE	G-TAIWAN	MR054069	R2F	CYNSE70129A-167BGC	150C	-65C	1000	45	0

Summary for Package Family : PBGA (Cavity/Heatsink) (7 records)

Sum 340 0

**PBGA (Pb-free)**

BY484BAGL	G-TAIWAN	53304	1	7C08632AC-GBYC	150C	-65C	300	47	0
BY484BAGL	G-TAIWAN	53304	1	7C08632AC-GBYC	150C	-65C	500	47	0
BY484SAGL	G-TAIWAN	62503	1	7C08352AC-GBYC	150C	-65C	300	45	0
BY484SAGL	G-TAIWAN	62503	1	7C08352AC-GBYC	150C	-65C	500	30	0
BY484SAGL	G-TAIWAN	62503	2	7C08352BC-GBYC	150C	-65C	300	21	0
BY484SAGL	G-TAIWAN	62503	2	7C08352BC-GBYC	150C	-65C	500	21	0
BY484SAGL	G-TAIWAN	62503	3	7C08352BC-GBYC	150C	-65C	300	55	0
BY484SAGL	G-TAIWAN	62503	4	7C08352BC-GBYC	150C	-65C	300	55	0
BY484AAGL	G-TAIWAN	63401	3	7C08642AC-GBYCB-	150C	-65C	300	48	0
BY484AAGL	G-TAIWAN	63401	3	7C08642AC-GBYCB-	150C	-65C	500	48	0
BY484AAGL	G-TAIWAN	63401	3	7C08642AC-GBYCB-	150C	-65C	1000	48	0
BY484BAGL	G-TAIWAN	64204	1	7C08632AC-GBYC	150C	-65C	300	47	0
BY484BAGL	G-TAIWAN	64204	1	7C08632AC-GBYC	150C	-65C	500	47	0

Summary for Package Family : PBGA (Pb-free) (12 records)

Sum 559 0

**PDIP**

P2839GAAGB	X-THAILAND	65102	R1	CY7C460A-PTC	150C	-65C	300	50	0
P2839GAAGB	X-THAILAND	65102	R1	CY7C460A-PTC	150C	-65C	500	50	0
P2839GAAGB	X-THAILAND	65102	R1	CY7C460A-PTC	150C	-65C	1000	50	0
P2839GAAGB	X-THAILAND	65102	R2	CY7C460A-PTC	150C	-65C	300	50	0
P2839GAAGB	X-THAILAND	65102	R2	CY7C460A-PTC	150C	-65C	500	50	0
P2839GAAGB	X-THAILAND	65102	R2	CY7C460A-PTC	150C	-65C	1000	49	0
P2839GAAGB	X-THAILAND	65102	R3	CY7C460A-PTC	150C	-65C	300	50	0
P2839GAAGB	X-THAILAND	65102	R3	CY7C460A-PTC	150C	-65C	500	50	0
P2839GAAGB	X-THAILAND	65102	R3	CY7C460A-PTC	150C	-65C	1000	50	0
P4865GAGE	G-TAIWAN	MR061057	R1	CY7C130-55PC	150C	-65C	1000	45	0
P4865GAGE	X-THAILAND	MR062010	R1	CY7C130-55PC	150C	-65C	300	50	0
P4865GAGE	X-THAILAND	MR062010	R1	CY7C130-55PC	150C	-65C	500	50	0

P4865GAGE	X-THAILAND	MR062010	R1	CY7C130-55PC	150C	-65C	1000	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	150C	-65C	300	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	150C	-65C	500	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	150C	-65C	1000	50	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	150C	-65C	300	50	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	150C	-65C	500	50	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	150C	-65C	1000	50	0
P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	150C	-65C	300	49	0
P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	150C	-65C	500	49	0
P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	150C	-65C	1000	49	0
P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	150C	-65C	300	50	0
P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	150C	-65C	500	50	0
P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	150C	-65C	1000	49	0
P2839GAAGB	X-THAILAND	MR071039	R1	CY7C185-25PC	150C	-65C	300	80	0
P2839GAAGB	X-THAILAND	MR071039	R1	CY7C185-25PC	150C	-65C	500	80	0

Summary for Package Family : PDIP (27 records)

Sum 1400 0

PDIP (Pb-free)

PZ243DXGN	R-CML	54605	R1	CY7C63743-PXC	150C	-65C	1000	50	0
PZ243DXGN	R-CML	54605	R2	CY7C63743C-PXC	150C	-65C	1000	47	0
PZ243DXGN	R-CML	54605	R3	CY7C63743C-PXC	150C	-65C	1000	49	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	150C	-65C	300	45	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	150C	-65C	500	45	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	150C	-65C	1000	45	0
PZ183BXGL	RA-CML	62102	R2	CY7C148-45PXC	150C	-65C	300	45	0
PZ183BXGL	RA-CML	62102	R2	CY7C148-45PXC	150C	-65C	500	45	0
PZ183BXGL	RA-CML	62102	R2	CY7C148-45PXC	150C	-65C	1000	45	0
PZ183BXGL	RA-CML	62102	R3	CY7C148-45PXC	150C	-65C	300	45	0
PZ183BXGL	RA-CML	62102	R3	CY7C148-45PXC	150C	-65C	500	45	0
PZ183BXGL	RA-CML	62102	R3	CY7C148-45PXC	150C	-65C	1000	45	0
PZ183AXGN	O-INDNS	65001	R1	CY7C63813-PXC	150C	-65C	300	46	0
PZ183AXGN	O-INDNS	65001	R1	CY7C63813-PXC	150C	-65C	500	44	0
PZ183AXGN	O-INDNS	65001	R2	CY7C63813-PXC	150C	-65C	300	46	0
PZ183AXGN	O-INDNS	65001	R2	CY7C63813-PXC	150C	-65C	500	46	0
PZ183AXGN	O-INDNS	65001	R3	CY7C63813-PXC	150C	-65C	300	46	0
PZ183AXGN	O-INDNS	65001	R3	CY7C63813-PXC	150C	-65C	500	46	0
PZ183AXGN	O-INDNS	70501	R1	CS6632AF	150C	-65C	500	77	0
PZ183AXGN	O-INDNS	70501	R2	CS6632AF	150C	-65C	500	76	0
PZ183AXGN	O-INDNS	70501	R3	CS6632AF	150C	-65C	500	77	0
PZ183AXGN	O-INDNS	MR054048	R1	CY7C63723-PXC	150C	-65C	1000	50	0
PZ163AGGN	X-THAILAND	MR061035	R1	CY7C63801-PXC	150C	-65C	500	50	0
PZ163AGGN	X-THAILAND	MR061035	R1	CY7C63801-PXC	150C	-65C	1000	50	0
PZ163AGGN	X-THAILAND	MR062012	R1	CY7C63801-PXC	150C	-65C	300	50	0
PZ163AGGN	X-THAILAND	MR062012	R1	CY7C63801-PXC	150C	-65C	1000	50	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	150C	-65C	300	45	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	150C	-65C	500	45	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	150C	-65C	1000	45	0
PZ183AXGN	O-INDNS	MR063022	R1	CY7C63813-PXC	150C	-65C	1000	45	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	150C	-65C	300	50	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	150C	-65C	500	50	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	150C	-65C	1000	50	0
PZ2434XGN	O-INDNS	MR063061	R1	CY7C63743-PXC	150C	-65C	300	45	0
PZ2434XGN	O-INDNS	MR063061	R1	CY7C63743-PXC	150C	-65C	1000	45	0
PZ243DAXGS	O-INDNS	MR064001	R1	CY7C63743C-PXC	150C	-65C	300	45	0
PZ243DAXGS	O-INDNS	MR064001	R1	CY7C63743C-PXC	150C	-65C	1000	45	0
PZ183DAGN	RA-CML	MR071044	R1	CY7C63723C-PXC	150C	-65C	500	80	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	150C	-65C	300	50	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	150C	-65C	500	50	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	150C	-65C	1000	50	0

Summary for Package Family : PDIP (Pb-free) (41 records)

Sum 2045 0

**PLCC**

J32RBGAAGB	X-THAI	MR064023	R1	CY7B991-5JI	150C	-65C	300	50	0
J32RBGAAGB	X-THAI	MR064023	R1	CY7B991-5JI	150C	-65C	1000	50	0
J32RBGAAGB	X-THAI	MR064023	R1	CY7B991-5JI	150C	-65C	500	50	0
J32RBGAGB	X-THAI	MR061051	R1	CY7B991-7JC	150C	-65C	1000	48	0
J32RBGAGB	X-THAI	MR062098	R1	CY7B992-2JC	150C	-65C	300	50	0
J32RBGAGB	X-THAI	MR062098	R1	CY7B992-2JC	150C	-65C	1000	50	0
J32RBGAGB	X-THAI	MR062098	R1	CY7B992-2JC	150C	-65C	500	50	0
J32RBGAGB	M-PHIL	MR063076	R1	CY7B991-2JC	150C	-65C	300	50	0
J32RBGAGB	M-PHIL	MR063076	R1	CY7B991-2JC	150C	-65C	1000	50	0
J32RBGAGB	M-PHIL	MR063076	R1	CY7B991-2JC	150C	-65C	500	50	0
J32RBGAGB	X-THAI	MR063105	R1	CY7B991-2JC	150C	-65C	300	50	0
J32RBGAGB	X-THAI	MR063105	R1	CY7B991-2JC	150C	-65C	1000	50	0
J32RBGAGB	X-THAI	MR063105	R1	CY7B991-2JC	150C	-65C	500	50	0
J32RBGAGB	M-PHIL	MR071007	R1	CY7B991-5JC	150C	-65C	500	80	0
J32RBGAGB	M-PHIL	MR071007	R1	CY7B991-5JC	150C	-65C	1000	80	0
J32RFGAGB	M-PHIL	64205	R1	CY7C466A	150C	-65C	300	44	0
J32RFGAGB	M-PHIL	64205	R1	CY7C466A	150C	-65C	500	43	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	150C	-65C	300	45	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	150C	-65C	1000	45	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	150C	-65C	500	45	0
J52SFGAGB	M-PHIL	MR061020	R1	CY7C136-55JI	150C	-65C	1000	50	0

Summary for Package Family : PLCC (21 records)

Sum 1080 0

**PLCC (Pb-free)**

JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	150C	-65C	300	50	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	150C	-65C	500	49	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	150C	-65C	1000	49	0
JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	150C	-65C	300	50	0
JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	150C	-65C	500	50	0
JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	150C	-65C	1000	50	2
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	150C	-65C	300	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	150C	-65C	500	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	150C	-65C	1000	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	150C	-65C	300	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	150C	-65C	500	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	150C	-65C	1000	50	0
JZ32RBGAN	M-PHIL	NR052003	R11	CY7B991-5JXI	150C	-65C	300	15	0

MR063091-1T3 2-Cut Wedge

Summary for Package Family : PLCC (13 records)

Sum 613 2

**PQFP**

N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	150C	-65C	300	50	0
N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	150C	-65C	500	50	0
N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	150C	-65C	1000	50	0

Summary for Package Family : PQFP (3 records)

Sum 150 0

**PQFP (Pb-free)**

NZ52DXGAN	G-TAIWAN	MR061044	R1	CY7C131GT-GNZC	150C	-65C	1000	50	0
NZ52DXGAN	G-TAIWAN	MR061062	R1	CY7C136-55NXC	150C	-65C	1000	50	0
NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	150C	-65C	300	50	0
NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	150C	-65C	500	50	0
NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	150C	-65C	1000	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	150C	-65C	300	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	150C	-65C	500	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	150C	-65C	1000	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	150C	-65C	300	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	150C	-65C	500	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	150C	-65C	1000	50	0

Summary for Package Family : PQFP (Pb-free) (11 records)

Sum 550 0

**QFN (COL, Pb-free)**





LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	150C	-65C	300	48	0
LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	150C	-65C	1000	48	0
LG16AA	M-PHIL	63602	R1A	CY8C20234-12LKXI	150C	-65C	1000	1	1
LG16AA	M-PHIL	63602	R2	CY8C20234-12LKXI	150C	-65C	300	49	0
LG16AA	M-PHIL	63602	R2	CY8C20234-12LKXI	150C	-65C	1000	49	0
LG16AA	M-PHIL	63602	R3	CY8C20234-12LKXI	150C	-65C	300	50	0
LG16AA	M-PHIL	63602	R3	CY8C20234-12LKXI	150C	-65C	1000	47	0

063602-1T3 1-Cut Wedge

Summary for Package Family : QFN (COL, Pb-free) (7 records)

Sum 292 1

QFN (Punch Type)

LF56AGAGE	L-SEOL	MR061018	R1	CY7C68300A-56LFC	150C	-65C	500	50	0
LF56AGAGE	L-SEOL	MR061018	R1	CY7C68300A-56LFC	150C	-65C	1000	50	0
LF56AGAGE	L-SEOL	MR062007	R1	CY7C68001EC-56LFC	150C	-65C	300	50	0
LF56AGAGE	L-SEOL	MR062007	R1	CY7C68001EC-56LFC	150C	-65C	500	50	0
LF56AGAGE	L-SEOL	MR062007	R1	CY7C68001EC-56LFC	150C	-65C	1000	50	0

Summary for Package Family : QFN (Punch Type) (5 records)

Sum 250 0

QFN (Punch Type, Pb-free)

LY20AGAGL	L-SEOUL	53408	1	7C870442AC-LLYC	150C	-65C	300	50	0
LY20AGAGL	L-SEOUL	53408	1	7C870442AC-LLYC	150C	-65C	500	50	0
LY20AGAGL	L-SEOUL	53408	2	7C870442AC-LLYC	150C	-65C	300	50	0
LY20AGAGL	L-SEOUL	53408	2	7C870442AC-LLYC	150C	-65C	500	50	0
LY20AGAGL	L-SEOUL	53408	2	7C870442AC-LLYC	150C	-65C	1000	50	0
LY20AGAGL	L-SEOUL	53408	3	7C870442AC-LLYC	150C	-65C	300	50	0
LY20AGAGL	L-SEOUL	53408	3	7C870442AC-LLYC	150C	-65C	500	50	0
LY20AGAGL	L-SEOUL	53408	3	7C870442AC-LLYC	150C	-65C	1000	50	0
LY20AGAGL	L-SEOUL	53408	1(1)	7C870442AC-LLYC	150C	-65C	300	50	0
LY20AGAGL	L-SEOUL	53408	1(1)	7C870442AC-LLYC	150C	-65C	500	50	0
LY20AGAGL	L-SEOUL	53408	1(1)	7C870442AC-LLYC	150C	-65C	1000	50	0
LY56IGAGR	AC-ASE	54701	R2	CY7C65640-LFXC	150C	-65C	1000	42	0
LY56IGAGR	AC-ASE	54701	R3	CY7C65640-LFXC	150C	-65C	1000	45	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	150C	-65C	300	50	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	150C	-65C	500	50	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	150C	-65C	1000	50	0
LK32HGAGL	RA-CML	61701	R2	CY8C21434-24LXI	150C	-65C	300	50	0
LK32HGAGL	RA-CML	61701	R2	CY8C21434-24LXI	150C	-65C	500	49	0
LK32HGAGL	RA-CML	61701	R2	CY8C21434-24LXI	150C	-65C	1000	49	0
LK32HGAGL	RA-CML	61701	R3	CY8C21434-24LXI	150C	-65C	300	50	0
LK32HGAGL	RA-CML	61701	R3	CY8C21434-24LXI	150C	-65C	500	50	0
LK32HGAGL	RA-CML	61701	R3	CY8C21434-24LXI	150C	-65C	1000	50	0
LY40CGAGR	L-SEOUL	62301	1A	7B69103AC-LLYC	150C	-65C	300	120	0
LY40CGAGR	L-SEOUL	62301	1A	7B69103AC-LLYC	150C	-65C	500	50	0
LY40CGAGR	L-SEOUL	62301	1A	7B69103AC-LLYC	150C	-65C	1000	50	0
LY40CGAGR	L-SEOUL	62301	1B	7B69103AC-LLYC	150C	-65C	300	119	0
LY40CGAGR	L-SEOUL	62301	1B	7B69103AC-LLYC	150C	-65C	500	50	0
LY40CGAGR	L-SEOUL	62301	1B	7B69103AC-LLYC	150C	-65C	1000	50	0
LY40CGAGR	L-SEOUL	62301	1C	7B69213AC-LLYC	150C	-65C	300	118	0
LY40CGAGR	L-SEOUL	62301	1C	7B69213AC-LLYC	150C	-65C	500	49	0
LY40CGAGR	L-SEOUL	62301	1C	7B69213AC-LLYC	150C	-65C	1000	49	0
LY68AGAGL	L-SEOUL	62306	R1	CY8C24094A-24LYI	150C	-65C	300	45	0
LY68AGAGL	L-SEOUL	62306	R1	CY8C24094A-24LYI	150C	-65C	500	45	0
LY68AGAGL	L-SEOUL	62306	R1	CY8C24094A-24LYI	150C	-65C	1000	44	0
LY68AGAGL	L-SEOUL	62306	R2	CY8C24094A-24LYI	150C	-65C	300	45	0
LY68AGAGL	L-SEOUL	62306	R2	CY8C24094A-24LYI	150C	-65C	500	45	0
LY68AGAGL	L-SEOUL	62306	R2	CY8C24094A-24LYI	150C	-65C	1000	45	0
LY68AGAGL	L-SEOUL	62306	R3	CY8C24094A-24LYI	150C	-65C	300	45	0
LY68AGAGL	L-SEOUL	62306	R3	CY8C24094A-24LYI	150C	-65C	500	45	0
LY68AGAGL	L-SEOUL	62306	R3	CY8C24094A-24LYI	150C	-65C	1000	45	0
LY68BGALL	RA-CML	62501	R1	CY8C24094A	150C	-65C	300	45	0
LY68BGALL	RA-CML	62501	R1	CY8C24094A	150C	-65C	500	44	0
LY68BGALL	RA-CML	62501	R1	CY8C24094A	150C	-65C	1000	44	0

LY68BGALL	RA-CML	62501	R2	CY8C24094A	150C	-65C	300	45	0
LY68BGALL	RA-CML	62501	R2	CY8C24094A	150C	-65C	500	44	0
LY68BGALL	RA-CML	62501	R2	CY8C24094A	150C	-65C	1000	44	0
LY68BGALL	RA-CML	62501	R3	CY8C24094A	150C	-65C	300	45	0
LY68BGALL	RA-CML	62501	R3	CY8C24094A	150C	-65C	500	45	0
LY68BGALL	RA-CML	62501	R3	CY8C24094A	150C	-65C	1000	45	0
LY72AGAGL	L-SEOUL	63601	R2	CY28447LFXC	150C	-65C	300	45	0
LY72AGAGL	L-SEOUL	63601	R3	CY28447LFXC	150C	-65C	300	45	0
LY72AGAGL	L-SEOUL	63601	R4	CY28447LFXC	150C	-65C	300	42	0
LY32BGAGL	RA-CML	64402	R1	CY8C21434-24LFXI	150C	-65C	300	45	0
LY32BGAGL	RA-CML	64402	R1	CY8C21434-24LFXI	150C	-65C	500	45	0
LY32BGAGL	RA-CML	64402	R2	CY8C21434-24LFXI	150C	-65C	300	44	0
LY32BGAGL	RA-CML	64402	R2	CY8C21434-24LFXI	150C	-65C	500	43	0
LY32BGAGL	RA-CML	64402	R3	CY8C21434-24LFXI	150C	-65C	300	45	0
LY32BGAGL	RA-CML	64402	R3	CY8C21434-24LFXI	150C	-65C	500	45	0
LK32AAAAGL	L-SEOL	70305	R1	CY8C21434-24LKXI	150C	-65C	300	50	0
LK32AAAAGL	L-SEOL	70305	R1	CY8C21434-24LKXI	150C	-65C	500	49	0
LK32AAAAGL	L-SEOL	70305	R1	CY8C21434-24LKXI	150C	-65C	1000	49	0
LK32AAAAGL	L-SEOL	70305	R2	CY8C21434-24LKXI	150C	-65C	300	50	0
LK32AAAAGL	L-SEOL	70305	R2	CY8C21434-24LKXI	150C	-65C	500	43	0
LK32AAAAGL	L-SEOL	70305	R2	CY8C21434-24LKXI	150C	-65C	1000	42	0
LK32AAAAGL	L-SEOL	70305	R3	CY8C21434-24LKXI	150C	-65C	300	49	0
LK32AAAAGL	L-SEOL	70305	R3	CY8C21434-24LKXI	150C	-65C	500	46	0
LK32AAAAGL	L-SEOL	70305	R3	CY8C21434-24LKXI	150C	-65C	1000	46	0
LY56DGAGL	L-SEOUL	MR054024	R1	CY7C68300B-56LFXC	150C	-65C	1000	50	0
LY56DGAGL	L-SEOUL	MR061040	R1	CY7C68013A-56LFXC	150C	-65C	500	49	0
LY56DGAGL	L-SEOUL	MR061040	R1	CY7C68013A-56LFXC	150C	-65C	1000	49	0
LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	150C	-65C	300	50	0
LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	150C	-65C	500	50	0
LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	150C	-65C	1000	50	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	150C	-65C	300	48	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	150C	-65C	500	48	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	150C	-65C	1000	47	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	150C	-65C	300	50	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	150C	-65C	500	50	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	150C	-65C	1000	50	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	150C	-65C	300	50	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	150C	-65C	500	50	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	150C	-65C	1000	50	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	150C	-65C	300	50	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	150C	-65C	500	50	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	150C	-65C	1000	50	0
LY56DGAGL	L-SEOUL	MR064098	R3	8C24795AK-LLYI	150C	-65C	500	100	0
LY32AGAGL	L-SEOL	MR071008	R1	CY8C21434-24LFXI	150C	-65C	500	80	0
LK32IGAGL	RA-CML	MR071010	R1	CS6655AA	150C	-65C	500	80	0
LY68AGAGL	L-SEOUL	NR054004	R1	CY28445LFXC-5	150C	-65C	500	49	0
LY68AGAGL	L-SEOUL	NR054004	R1	CY28445LFXC-5	150C	-65C	1000	49	0
LY68AGAGL	L-SEOUL	NR054004	R2	CY28445LFXC-5	150C	-65C	500	50	0
LY68AGAGL	L-SEOUL	NR054004	R2	CY28445LFXC-5	150C	-65C	1000	50	0
LY68AGAGL	L-SEOUL	NR054004	R3	CY28445LFXC-5	150C	-65C	500	45	0
LY68AGAGL	L-SEOUL	NR054004	R3	CY28445LFXC-5	150C	-65C	1000	45	0
LY72AGAGL	L-SEOUL	NR061002	R1	CY28447LFXC	150C	-65C	1000	45	0
LY72AGAGL	L-SEOUL	NR061002	R2	CY28447LFXC	150C	-65C	500	45	0
LY72AGAGL	L-SEOUL	NR061002	R2	CY28447LFXC	150C	-65C	1000	45	0
LY72AGAGL	L-SEOUL	NR061002	R3	CY28447LFXC	150C	-65C	300	50	0
LY72AGAGL	L-SEOUL	NR061002	R3	CY28447LFXC	150C	-65C	500	50	0
LY72AGAGL	L-SEOUL	NR061002	R3	CY28447LFXC	150C	-65C	1000	49	0
LY48DGAGL	L-SEOUL	NR061003	R1	CS6298AM	150C	-65C	300	45	0
LY48DGAGL	L-SEOUL	NR061003	R1	CS6298AM	150C	-65C	500	45	0
LY48DGAGL	L-SEOUL	NR061003	R1	CS6298AM	150C	-65C	1000	45	0
LY48DGAGL	L-SEOUL	NR061003	R2	CS6298AM	150C	-65C	300	50	0

LY48DGAGL	L-SEOUL	NR061003	R2	CS6298AM	150C	-65C	500	50	0
LY48DGAGL	L-SEOUL	NR061003	R2	CS6298AM	150C	-65C	1000	50	0
LY48DGAGL	L-SEOUL	NR061003	R3	CYWUSB6934-48LFXC	150C	-65C	300	45	0
LY48DGAGL	L-SEOUL	NR061003	R3	CYWUSB6934-48LFXC	150C	-65C	500	45	0
LY48DGAGL	L-SEOUL	NR061003	R3	CYWUSB6934-48LFXC	150C	-65C	1000	45	0
LK32HGAGL	RA-CML	NR062002	R1	8C21434AC-RALKI	150C	-65C	300	44	0
LK32HGAGL	RA-CML	NR062002	R2	8C21434AC-RALKI	150C	-65C	300	43	0
LK32HGAGL	RA-CML	NR062002	R3	8C21434AC-RALKI	150C	-65C	300	44	0
LK32HGAGL	RA-CML	NR062002	R4	8C21434AC-RALKI	150C	-65C	300	50	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	150C	-65C	300	48	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	150C	-65C	500	48	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	150C	-65C	1000	48	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	150C	-65C	300	50	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	150C	-65C	500	50	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	150C	-65C	1000	50	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	150C	-65C	300	47	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	150C	-65C	500	45	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	150C	-65C	1000	45	0
LK32IGAGL	RA-CML	NR063001	R4	CY8C21434-24LKXI	150C	-65C	300	47	0
LK32IGAGL	RA-CML	NR063001	R4	CY8C21434-24LKXI	150C	-65C	500	47	0
LK32IGAGL	RA-CML	NR063001	R4	CY8C21434-24LKXI	150C	-65C	1000	47	0
LK32IGAGL	RA-CML	NR063001	R5	CY8C21434-24LKXI	150C	-65C	300	50	0
LK32IGAGL	RA-CML	NR063001	R5	CY8C21434-24LKXI	150C	-65C	500	50	0
LK32IGAGL	RA-CML	NR063001	R5	CY8C21434-24LKXI	150C	-65C	1000	50	0
LK32IGAGL	RA-CML	NR063001	R6	CY8C21434-24LKXI	150C	-65C	300	49	0
LK32IGAGL	RA-CML	NR063001	R6	CY8C21434-24LKXI	150C	-65C	500	47	0
LK32IGAGL	RA-CML	NR063001	R6	CY8C21434-24LKXI	150C	-65C	1000	47	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	150C	-65C	300	49	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	150C	-65C	500	48	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	150C	-65C	1000	45	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	150C	-65C	300	49	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	150C	-65C	500	47	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	150C	-65C	1000	46	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	150C	-65C	300	50	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	150C	-65C	500	44	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	150C	-65C	1000	44	0
LY68AGAAGL	L-SEOUL	NR064004	R1	8C24995AK-LLYI	150C	-65C	300	50	0
LY68AGAAGL	L-SEOUL	NR064004	R1	8C24995AK-LLYI	150C	-65C	500	50	0
LY68AGAAGL	L-SEOUL	NR064004	R1	8C24995AK-LLYI	150C	-65C	1000	50	0
LY68AGAAGL	L-SEOUL	NR064004	R2	CY8C24994-24LFXIT	150C	-65C	300	50	0
LY68AGAAGL	L-SEOUL	NR064004	R2	CY8C24994-24LFXIT	150C	-65C	500	48	0
LY68AGAAGL	L-SEOUL	NR064004	R2	CY8C24994-24LFXIT	150C	-65C	1000	48	0

Summary for Package Family : QFN (Punch Type, Pb-free) (146 records)

Sum 7275 0

QFN (Saw Type, Pb-free)

LQ32BAAAAGL	AT-INDNS	70307	R1	CY8C21434A	150C	-65C	300	77	0
LQ32BAAAAGL	AT-INDNS	70307	R2	CY8C21434A	150C	-65C	300	76	0
LQ32BAAAAGL	AT-INDNS	70307	R3	CY8C21434A	150C	-65C	300	74	0

Summary for Package Family : QFN (Saw Type, Pb-free) (3 records)

Sum 227 0

QSOP (Pb-free)

SQ2414AGN	R-CML	60902	R2	CY7C63743-QXC	150C	-65C	300	49	0
SQ2414AGN	R-CML	60902	R2	CY7C63743-QXC	150C	-65C	500	49	0
SQ2414AGN	R-CML	60902	R2	CY7C63743-QXC	150C	-65C	1000	49	0
SQ2414AGN	R-CML	60902	R3	CY7C63743-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	60902	R3	CY7C63743-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	60902	R3	CY7C63743-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	63306	R1	CY7C63743-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	63306	R1	CY7C63743-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	63306	R1	CY7C63743-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	63306	R2	CY7C63743-QXC	150C	-65C	300	50	0

SQ2414AGN	R-CML	63306	R2	CY7C63743-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	63306	R2	CY7C63743-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	63306	R3	CY7C63743-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	63306	R3	CY7C63743-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	63306	R3	CY7C63743-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	MR054062	R1	CY7C63101A-QXC	150C	-65C	1000	49	0
SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	150C	-65C	300	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	150C	-65C	500	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	150C	-65C	1000	50	0
SQ2414AGN	R-CML	MR064015	R1	CY7C63823-QXC	150C	-65C	300	47	0
SQ2414AGN	R-CML	MR064015	R1	CY7C63823-QXC	150C	-65C	500	47	0
<b>Summary for Package Family : QSOP (Pb-free) (27 records)</b>									
<b>Sum</b>								<b>1340</b>	<b>0</b>
<b>SNC</b>									
SN2831AHB	R-CML	MR061036	R1	CS5756AT	150C	-65C	1000	45	0
SN2831AHB	R-CML	MR062025	R1	CS5756AT	150C	-65C	500	49	0
SN2831AHB	R-CML	MR062025	R1	CS5756AT	150C	-65C	1000	49	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNLL-70SNC	150C	-65C	300	50	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNLL-70SNC	150C	-65C	1000	49	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNLL-70SNC	150C	-65C	500	49	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	150C	-65C	300	50	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	150C	-65C	1000	50	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	150C	-65C	500	50	0
<b>Summary for Package Family : SNC (9 records)</b>									
<b>Sum</b>								<b>441</b>	<b>0</b>
<b>SNC (Pb-free)</b>									
SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	150C	-65C	300	50	0
SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	150C	-65C	1000	50	0
SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	150C	-65C	500	50	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXXN	150C	-65C	300	50	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXXN	150C	-65C	1000	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	150C	-65C	300	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	150C	-65C	1000	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	150C	-65C	500	50	0
<b>Summary for Package Family : SNC (Pb-free) (8 records)</b>									
<b>Sum</b>								<b>400</b>	<b>0</b>
<b>SOIC</b>									
S32	M-PHIL	62401	1	CY14E256L	150C	-65C	300	50	0
S32	M-PHIL	62401	1	CY14E256L	150C	-65C	500	50	0
S32	M-PHIL	62401	1	CY14E256L	150C	-65C	1000	50	0
S32	M-PHIL	62401	2	CY14E256L	150C	-65C	300	50	0
S32	M-PHIL	62401	2	CY14E256L	150C	-65C	500	50	0
S32	M-PHIL	62401	2	CY14E256L	150C	-65C	1000	50	0
S32	M-PHIL	63207	2	CY14E256L	150C	-65C	300	50	0
S32	M-PHIL	63207	2	CY14E256L	150C	-65C	500	50	0
S32	M-PHIL	63207	2	CY14E256L	150C	-65C	1000	50	0
S32	M-PHIL	63207	3	CY14E256L	150C	-65C	300	50	0
S32	M-PHIL	63207	3	CY14E256L	150C	-65C	500	50	0
S32	M-PHIL	63207	3	CY14E256L	150C	-65C	1000	50	0
S183AGAGB	M-PHIL	MR054034	R1	CY7C63231A-SC	150C	-65C	300	48	0
S183AGAGB	M-PHIL	MR054034	R1	CY7C63231A-SC	150C	-65C	500	48	0
S183AGAGB	M-PHIL	MR054034	R1	CY7C63231A-SC	150C	-65C	1000	48	0
S1615KAGN	R-CML	MR061011	R1	CY2308SC-1H	150C	-65C	500	49	0
S1615KAGN	R-CML	MR061011	R1	CY2308SC-1H	150C	-65C	1000	49	0
S1615EAGB	M-PHIL	MR061024	R1	CY2308SC-3	150C	-65C	1000	47	0

S324513GB	R-CML	MR061065	R1	CS5761AT	150C	-65C	500	50	0
S324513GB	R-CML	MR061065	R1	CS5761AT	150C	-65C	1000	50	0
S324513GB	R-CML	MR062004	R1	CS5761AT	150C	-65C	500	50	0
S324513GB	R-CML	MR062004	R1	CS5761AT	150C	-65C	1000	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	150C	-65C	300	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	150C	-65C	500	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	150C	-65C	1000	50	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	150C	-65C	300	300	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	150C	-65C	500	50	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	150C	-65C	1000	50	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	150C	-65C	300	50	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	150C	-65C	500	50	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	150C	-65C	1000	50	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	150C	-65C	300	49	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	150C	-65C	500	49	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	150C	-65C	1000	49	0
S0815BAGB	O-INDNS	MR063023	R1	CY241V08ASC-01	150C	-65C	1000	45	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	150C	-65C	300	50	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	150C	-65C	500	49	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	150C	-65C	1000	46	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	150C	-65C	300	50	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	150C	-65C	500	50	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	150C	-65C	1000	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	150C	-65C	300	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	150C	-65C	500	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	150C	-65C	1000	50	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	150C	-65C	300	50	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	150C	-65C	500	49	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	150C	-65C	1000	49	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	150C	-65C	500	45	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	150C	-65C	1000	45	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	150C	-65C	300	50	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	150C	-65C	500	50	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	150C	-65C	1000	50	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	150C	-65C	300	50	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	150C	-65C	500	49	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	150C	-65C	1000	49	0
S1615KAGN	RA-CML	MR071055	R1	CY2309SC-1H	150C	-65C	500	80	0

Summary for Package Family : SOIC (56 records)

<b>Sum</b>							<b>3042</b>	<b>0</b>	
<b>SOIC (Pb-free)</b>									
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	150C	-65C	300	50	0
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	150C	-65C	500	50	0
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	150C	-65C	1000	50	0
SZ0815DGN	M-PHIL	53301	3	7C850003BC-MSZC	150C	-65C	300	49	0
SZ0815DGN	M-PHIL	53301	3	7C850003BC-MSZC	150C	-65C	500	49	0
SZ0815DGN	M-PHIL	53301	3	7C850003BC-MSZC	150C	-65C	1000	49	0
SZ165EGN	M-PHIL	60803	1A	7C9150AI-MSZC	150C	-65C	500	50	0
SZ165EGN	M-PHIL	60803	1A	7C9150AI-MSZC	150C	-65C	1000	50	0
SZ1615FAL	T-TAIWAN	60803	R3	CYV15G010EQ	150C	-65C	300	45	0
SZ1615FAL	T-TAIWAN	60803	R3	CYV15G010EQ	150C	-65C	500	45	0
SZ1615FAL	T-TAIWAN	60803	R3	CYV15G010EQ	150C	-65C	1000	45	0
SZ1615	RA-CML	61704	R1	W129AG	150C	-65C	500	49	0
SZ1615	RA-CML	61704	R1	W129AG	150C	-65C	1000	49	0
SZ1615	RA-CML	61704	R2	W129AG	150C	-65C	500	50	0
SZ1615	RA-CML	61704	R2	W129AG	150C	-65C	1000	50	0
SZ1615	RA-CML	61704	R3A	W129AG	150C	-65C	300	43	0
SZ1615	RA-CML	61704	R3A	W129AG	150C	-65C	500	43	0
SZ1615	RA-CML	61704	R3A	W129AG	150C	-65C	1000	43	0
SZ1615	RA-CML	61704	R3B	W129AG	150C	-65C	300	45	0
SZ1615	RA-CML	61704	R3B	W129AG	150C	-65C	500	45	0

SZ1615	RA-CML	61704	R3B	W129AG	150C	-65C	1000	45	0		
SZ28327GL	R-CML	62101	R2	CY7C65113C	150C	-65C	300	44	0		
SZ28327GL	R-CML	62101	R2	CY7C65113C	150C	-65C	500	44	0		
SZ28327GL	R-CML	62101	R2	CY7C65113C	150C	-65C	1000	42	0		
SZ28327GL	R-CML	62101	R3	CY7C64013-S	150C	-65C	300	45	0		
SZ28327GL	R-CML	62101	R3	CY7C64013-S	150C	-65C	500	45	0		
SZ28327GL	R-CML	62101	R3	CY7C64013-S	150C	-65C	1000	45	0		
SZ183CGAN	RA-CML	62608	R1	CY7C63723-SXC	150C	-65C	300	45	0		
SZ183CGAN	RA-CML	62608	R1	CY7C63723-SXC	150C	-65C	500	45	0		
SZ183CGAN	RA-CML	62608	R1	CY7C63723-SXC	150C	-65C	1000	45	0		
SZ183CGAN	RA-CML	62608	R2	CY7C63723-SXC	150C	-65C	300	45	0		
SZ183CGAN	RA-CML	62608	R2	CY7C63723-SXC	150C	-65C	500	45	0		
SZ183CGAN	RA-CML	62608	R2	CY7C63723-SXC	150C	-65C	1000	45	0		
SZ183CGAN	RA-CML	62608	R3	CY7C63723-SXC	150C	-65C	300	45	0		
SZ183CGAN	RA-CML	62608	R3	CY7C63723-SXC	150C	-65C	500	45	0		
SZ183CGAN	RA-CML	62608	R3	CY7C63723-SXC	150C	-65C	1000	45	0		
SZ1615FAL	T-TAIWAN	63804	R1A	CYV15G010EQ	150C	-65C	300	45	0	062608-3T3	1-Cut Wedge
SZ1615FAL	T-TAIWAN	63804	R1A	CYV15G010EQ	150C	-65C	500	45	0		
SZ1615FAL	T-TAIWAN	63804	R1A	CYV15G010EQ	150C	-65C	1000	45	0		
SZ1615FAL	T-TAIWAN	70504	R1A	CYV15G0102EQ-SXCES	150C	-65C	300	77	0		
SZ1615FAL	T-TAIWAN	70504	R1A	CYV15G0102EQ-SXCES	150C	-65C	500	77	0		
SZ323ABAGS	M-PHIL	70802	3		150C	-65C	300	45	0		
SZ183CGAN	RA-CML	MR054016	R1	CY7C63723-SXC	150C	-65C	1000	50	0		
SZ1615EGN	M-PHIL	MR054025	R1	CY2308SXC-3	150C	-65C	1000	35	0		
SZ1615EGN	M-PHIL	MR054025	R1A	CY2308SXC-3	150C	-65C	1000	24	0		
SZ1615FAL	T-TAIWAN	MR061034	R1	CY23EP09SXC-1H	150C	-65C	1000	47	0		
SZ183AGAN	M-PHIL	MR061037	R1	CY7C63723-SXC	150C	-65C	1000	49	0		
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	150C	-65C	300	47	0		
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	150C	-65C	500	47	0		
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	150C	-65C	1000	47	0		
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	150C	-65C	300	50	0		
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	150C	-65C	500	50	0		
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	150C	-65C	1000	49	0		
SZ324514LL	R-CML	MR062044	R1	CY62148DV30LL-55SXI	150C	-65C	300	50	0		
SZ324514LL	R-CML	MR062044	R1	CY62148DV30LL-55SXI	150C	-65C	500	50	0		
SZ324514LL	R-CML	MR062044	R1	CY62148DV30LL-55SXI	150C	-65C	1000	50	0		
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	150C	-65C	300	50	0		
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	150C	-65C	500	49	0		
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	150C	-65C	1000	49	0		
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	150C	-65C	300	50	0		
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	150C	-65C	500	50	0		
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	150C	-65C	1000	50	0		
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	150C	-65C	300	50	0		
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	150C	-65C	500	50	0		
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	150C	-65C	1000	50	0		
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	150C	-65C	300	50	0		
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	150C	-65C	500	50	0		
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	150C	-65C	1000	50	0		
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	150C	-65C	300	46	0		
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	150C	-65C	500	46	0		
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	150C	-65C	1000	50	0		
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	150C	-65C	300	50	0		
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	150C	-65C	500	50	0		
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	150C	-65C	1000	50	0		
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	150C	-65C	300	50	0		
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	150C	-65C	500	50	0		
SZ324514LL	CML-R	MR064021	R1	CY62148DV30LL-70SXI	150C	-65C	300	50	0		
SZ324514LL	CML-R	MR064021	R1	CY62148DV30LL-70SXI	150C	-65C	500	50	0		
SZ324514LL	CML-R	MR064021	R1	CY62148DV30LL-70SXI	150C	-65C	1000	50	0		
SZ183AGAN	M-PHIL	MR064051	R1	CY7C63813-SXC	150C	-65C	300	50	0		
SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	150C	-65C	300	50	0		

SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	150C	-65C	500	50	0
SZ324513N	R-CML	MR064074	R1	CY7C53120E4-40SXI	150C	-65C	300	50	0
SZ324513N	R-CML	MR064074	R1	CY7C53120E4-40SXI	150C	-65C	500	50	0
SZ324513N	R-CML	MR064074	R1	CY7C53120E4-40SXI	150C	-65C	1000	50	0
SZ815DAGN	M-PHIL	MR071023	R1	CY2305SXC-1HT	150C	-65C	500	80	0
SZ815DAGN	M-PHIL	MR071023	R1	CY2305SXC-1HT	150C	-65C	1000	80	0
SZ1615FAL	T-TAIWAN	NR061001	R1	CY23EP09SXC-1H	150C	-65C	1000	45	0
SZ1615FAL	T-TAIWAN	NR061001	R2	CY23EP09SXC-1H	150C	-65C	1000	45	0
SZ1615FAL	T-TAIWAN	NR061001	R3	CY23EP09SXI-1H	150C	-65C	500	45	0
SZ1615FAL	T-TAIWAN	NR061001	R3	CY23EP09SXI-1H	150C	-65C	1000	45	0
SZ0815RGN	T-TAIWAN	NR061001	R8	CY2305SXI-1T	150C	-65C	300	15	0
SZ0815RGN	T-TAIWAN	NR061001	R8	CY2305SXI-1T	150C	-65C	500	15	0
SZ183CGAN	RA-CML	NR061006	R1	CY7C63723-SXC	150C	-65C	300	50	0
SZ183CGAN	RA-CML	NR061006	R1	CY7C63723-SXC	150C	-65C	500	50	0
SZ183CGAN	RA-CML	NR061006	R1	CY7C63723-SXC	150C	-65C	1000	50	0
SZ183CGAN	RA-CML	NR061006	R2	CY7C63231A-SXC	150C	-65C	300	50	0
SZ183CGAN	RA-CML	NR061006	R2	CY7C63231A-SXC	150C	-65C	500	50	0
SZ183CGAN	RA-CML	NR061006	R2	CY7C63231A-SXC	150C	-65C	1000	50	0
SZ183CGAN	RA-CML	NR061006	R3	CY7C63723-SXC	150C	-65C	300	50	0
SZ183CGAN	RA-CML	NR061006	R3	CY7C63723-SXC	150C	-65C	500	50	0
SZ183CGAN	RA-CML	NR061006	R3	CY7C63723-SXC	150C	-65C	1000	50	0
SZ183AGAN	M-PHIL	NR061007	R1	CY7C63231A-SXC	150C	-65C	300	50	0
SZ183AGAN	M-PHIL	NR061007	R1	CY7C63231A-SXC	150C	-65C	500	50	0
SZ183AGAN	M-PHIL	NR061007	R1	CY7C63231A-SXC	150C	-65C	1000	50	0
SZ183AGAN	M-PHIL	NR061007	R10	CY7C63813-SXC	150C	-65C	300	15	0
SZ183AGAN	M-PHIL	NR061007	R2	CY7C63231A-SXC	150C	-65C	300	45	0
SZ183AGAN	M-PHIL	NR061007	R2	CY7C63231A-SXC	150C	-65C	500	45	0
SZ183AGAN	M-PHIL	NR061007	R2	CY7C63231A-SXC	150C	-65C	1000	45	0
SZ183AGAN	M-PHIL	NR061007	R3	CY7C63813-SXC	150C	-65C	300	50	0
SZ183AGAN	M-PHIL	NR061007	R3	CY7C63813-SXC	150C	-65C	1000	50	0
SZ183AGAN	M-PHIL	NR061007	R5	CY7C63723-SXC	150C	-65C	300	15	0
SZ183AGAN	M-PHIL	NR061007	R5	CY7C63723-SXC	150C	-65C	500	15	0
SZ183AGAN	M-PHIL	NR061007	R5	CY7C63723-SXC	150C	-65C	1000	15	0
SZ183AGAN	M-PHIL	NR061007	R6	CY7C63231A-SXC	150C	-65C	300	15	0
SZ183AGAN	M-PHIL	NR061007	R6	CY7C63231A-SXC	150C	-65C	1000	13	0
SZ183AGAN	M-PHIL	NR061007	R7	CY7C63723-SXC	150C	-65C	500	15	0
SZ183AGAN	M-PHIL	NR061007	R8	CY7C63813-SXC	150C	-65C	300	15	0
SZ183AGAN	M-PHIL	NR061007	R9	CY7C63813-SXC	150C	-65C	300	15	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	150C	-65C	300	45	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	150C	-65C	500	44	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	150C	-65C	1000	44	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	150C	-65C	300	45	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	150C	-65C	500	45	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	150C	-65C	1000	45	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	150C	-65C	300	45	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	150C	-65C	500	45	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	150C	-65C	1000	45	0
SZ183DAAR	OP-PHIL	NR061008	R4	CG6608AA	150C	-65C	300	15	0
SZ183DAAR	OP-PHIL	NR061008	R4	CG6608AA	150C	-65C	500	15	0
SZ183DAAR	OP-PHIL	NR061008	R4	CG6608AA	150C	-65C	1000	15	0
SZ183DAAR	OP-PHIL	NR061008	R5	CG6608AA	150C	-65C	300	15	0
SZ183DAAR	OP-PHIL	NR061008	R5	CG6608AA	150C	-65C	500	15	0
SZ183DAAR	OP-PHIL	NR061008	R5	CG6608AA	150C	-65C	1000	15	0

Summary for Package Family : SOIC (Pb-free) (134 records)

<b>Sum</b>							<b>5914</b>	<b>1</b>	
<b>SSOP</b>									
O563BXAGL	R-CML	60603	R8	CY7C68300A-56PVC	150C	-65C	1000	49	0
O563AXAGB	R-CML	MR053029	R1	CY28346OC	150C	-65C	300	49	0
O563BXAGL	R-CML	MR054037	R1	CY7C68300A-56PVC	150C	-65C	500	50	0
O563BXAGL	R-CML	MR054037	R1	CY7C68300A-56PVC	150C	-65C	1000	50	0
O563AXAGN	R-CML	MR061007	R1	CY284690CT	150C	-65C	300	50	0

O563AXAGN	R-CML	MR061007	R1	CY284690CT	150C	-65C	500	50	0
O563AXAGN	R-CML	MR061007	R1	CY284690CT	150C	-65C	1000	50	0
O2824GAGB	T-TAIWAN	MR061027	R1	CY284000CT	150C	-65C	1000	49	2
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	150C	-65C	300	50	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	150C	-65C	500	50	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	150C	-65C	1000	50	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	150C	-65C	300	49	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	150C	-65C	500	47	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	150C	-65C	1000	46	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	150C	-65C	300	47	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	150C	-65C	500	47	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	150C	-65C	1000	47	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	150C	-65C	300	50	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	150C	-65C	500	50	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	150C	-65C	1000	50	0
O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	150C	-65C	300	49	0
O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	150C	-65C	500	49	0
O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	150C	-65C	1000	49	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	150C	-65C	300	50	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	150C	-65C	500	50	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	150C	-65C	1000	50	0
O563AXAGN	R-CML	MR064045	R1	CY284190C	150C	-65C	300	47	0
O563AXAGN	R-CML	MR064045	R1	CY284190C	150C	-65C	500	45	0
O563AXAGN	R-CML	MR064045	R1	CY284190C	150C	-65C	1000	45	0
O563AXAGN	R-CML	MR071027	R1	CY284190C	150C	-65C	500	80	0
O563AXAGN	R-CML	MR071027	R1	CY284190C	150C	-65C	1000	80	0

MR061027-1T3 2-Cut/Cracked Wedge

Summary for Package Family : SSOP (31 records)

Sum 1574 2

SSOP (Pb-free)

SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	150C	-65C	500	80	0
SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	150C	-65C	1000	75	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	150C	-65C	500	80	0
SP2822BGL	M-PHIL	54603	R2	CY8C29466-12PVXE	150C	-65C	1000	79	0
SP2822BGL	M-PHIL	54603	R3	CY8C29466-12PVXE	150C	-65C	1000	80	0
SP28121AGB	M-PHIL	60208	R1	CY8C20334-PVXI	150C	-65C	300	50	0
SP28121AGB	M-PHIL	60208	R1	CY8C20334-PVXI	150C	-65C	500	50	0
SP28121AGB	M-PHIL	60208	R1	CY8C20334-PVXI	150C	-65C	1000	50	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	150C	-65C	300	50	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	150C	-65C	500	50	0
SP2822AGL	M-PHIL	60605	R1A	CY8C24494-24PVXT	150C	-65C	1000	50	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	150C	-65C	300	50	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	150C	-65C	500	49	0
SP2822AGL	M-PHIL	60605	R2A	CY8C24494-24PVXI	150C	-65C	1000	49	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	150C	-65C	300	50	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	150C	-65C	500	49	0
SP2822AGL	M-PHIL	60605	R3A	CY8C24494-24PVXT	150C	-65C	1000	49	0
SP563BAGL	R-CML	60911	R1	CY7C68003-56PVXC	150C	-65C	1000	50	0
SP483BAGL	R-CML	60911	R2	CY7C64113A-PVXCT	150C	-65C	1000	50	0
SP563BAGL	R-CML	60911	R3	CY7C68001-56PVXC	150C	-65C	500	48	0
SP563BAGL	R-CML	60911	R3	CY7C68001-56PVXC	150C	-65C	1000	44	0
SP563BAGL	R-CML	61302	R1	CY7C68053-56PVXI	150C	-65C	300	45	0
SP563BAGL	R-CML	61302	R1	CY7C68053-56PVXI	150C	-65C	500	45	0
SP2821AGB	M-ANAM	62509	R1	CY8C21534-24PVXI	150C	-65C	300	50	0
SP2821AGB	M-ANAM	62509	R1	CY8C21534-24PVXI	150C	-65C	500	50	0
SP2821AGB	M-ANAM	62509	R1	CY8C21534-24PVXI	150C	-65C	1000	50	0
SP28214GL	R-CML	63002	R1	CY8C24423A-PVXI	150C	-65C	300	50	0
SP28214GL	R-CML	63002	R1	CY8C24423A-PVXI	150C	-65C	500	50	0
SP28214GL	R-CML	63002	R1	CY8C24423A-PVXI	150C	-65C	1000	50	0
SP28214GL	T-TAIWAN	63002	R2	CY8C24423A-PVXI	150C	-65C	300	47	0
SP28214GL	T-TAIWAN	63002	R2	CY8C24423A-PVXI	150C	-65C	500	47	0
SP28214GL	T-TAIWAN	63002	R2	CY8C24423A-PVXI	150C	-65C	1000	47	0



SP28214GL	T-TAIWAN	63002	R3	CY8C24423A-PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	63002	R3	CY8C24423A-PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	63002	R3	CY8C24423A-PVXI	150C	-65C	1000	50	0
SP28214GL	T-TAIWAN	63003	R1	CY8C24423A-24PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	63003	R1	CY8C24423A-24PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	63003	R1	CY8C24423A-24PVXI	150C	-65C	1000	50	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	63003	R2	CY8C24423A-24PVXI	150C	-65C	1000	50	0
SP28214GL	T-TAIWAN	63003	R3	CY8C26443-24PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	63003	R3	CY8C26443-24PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	63003	R3	CY8C26443-24PVXI	150C	-65C	1000	50	0
SP563BAGL	R-CML	63103	R1	CY7C68001-56PVXC	150C	-65C	300	34	0
SP563BAGL	R-CML	63103	R1	CY7C68001-56PVXC	150C	-65C	500	34	0
SP563BAGL	R-CML	63103	R1	CY7C68001-56PVXC	150C	-65C	1000	34	0
SP563BAGL	R-CML	63103	R1A	CY7C68001-56PVXC	150C	-65C	1000	20	0
SP563BAGL	R-CML	63103	R2	CY7C68001-56PVXC	150C	-65C	300	45	0
SP563BAGL	R-CML	63103	R2	CY7C68001-56PVXC	150C	-65C	500	45	0
SP563BAGL	R-CML	63103	R2	CY7C68001-56PVXC	150C	-65C	1000	45	0
SP563BAGL	R-CML	63103	R3	CY7C68001-56PVXC	150C	-65C	300	44	0
SP563BAGL	R-CML	63103	R3	CY7C68001-56PVXC	150C	-65C	500	44	0
SP563BAGL	R-CML	63103	R3	CY7C68001-56PVXC	150C	-65C	1000	44	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	150C	-65C	300	47	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	150C	-65C	500	47	0
SP2814HAL	M-PHIL	63210	R1	CY8C27443-24PVXI	150C	-65C	1000	47	0
SP2822BGL	M-PHIL	63503	R1	CY8C29466-12PVXE	150C	-65C	500	80	0
SP2822BGL	M-PHIL	63503	R1	CY8C29466-12PVXE	150C	-65C	1000	75	0
SP2822BGL	M-PHIL	63503	R2	CY8C29466-12PVXE	150C	-65C	500	80	0
SP2822BGL	M-PHIL	63503	R2	CY8C29466-12PVXE	150C	-65C	1000	79	0
SP2822BGL	M-PHIL	63503	R3	CY8C29466-12PVXE	150C	-65C	1000	80	0
SP28215GLL	RA-CML	63711	R1	CY8C29466A-24PVXI	150C	-65C	300	45	0
SP28215GLL	RA-CML	63711	R1	CY8C29466A-24PVXI	150C	-65C	500	45	0
SP28215GLL	RA-CML	63711	R1	CY8C29466A-24PVXI	150C	-65C	1000	45	0
SP28215GLL	RA-CML	63711	R2	CY8C29466A-24PVXI	150C	-65C	300	45	0
SP28215GLL	RA-CML	63711	R2	CY8C29466A-24PVXI	150C	-65C	500	42	0
SP28215GLL	RA-CML	63711	R2	CY8C29466A-24PVXI	150C	-65C	1000	42	0
SP28215GLL	RA-CML	63711	R3	CY8C29466A-24PVXI	150C	-65C	300	45	0
SP28215GLL	RA-CML	63711	R3	CY8C29466A-24PVXI	150C	-65C	500	45	0
SP28215GLL	RA-CML	63711	R3	CY8C29466A-24PVXI	150C	-65C	1000	45	0
SP28215GLL	RA-CML	63711	R4	CY8C27443-24PVXI	150C	-65C	300	50	0
SP28215GLL	RA-CML	63711	R4	CY8C27443-24PVXI	150C	-65C	500	50	0
SP28215GLL	RA-CML	63711	R4	CY8C27443-24PVXI	150C	-65C	1000	50	0
SP2029AAGL	RA-CML	63711	R5	CY8C24223A-24PVXI	150C	-65C	300	50	0
SP2029AAGL	RA-CML	63711	R5	CY8C24223A-24PVXI	150C	-65C	500	50	0
SP2029AAGL	RA-CML	63711	R5	CY8C24223A-24PVXI	150C	-65C	1000	50	0
SP28215GLL	RA-CML	63711	R6	CY7C60323-PVXC	150C	-65C	300	38	0
SP28215GLL	RA-CML	63711	R6	CY7C60323-PVXC	150C	-65C	500	38	0
SP28215GLL	RA-CML	63711	R6	CY7C60323-PVXC	150C	-65C	1000	38	0
SP48AAAAGR	M-PHIL	71101	1	CY14B101L-SP45XC	150C	-65C	300	45	0
SP48AAAAGR	M-PHIL	71101	3	CY14B101L-SP45XC	150C	-65C	300	45	0
SP48AAAAGR	M-PHIL	71101	3	CY14B101L-SP45XC	150C	-65C	500	45	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	150C	-65C	300	50	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	150C	-65C	500	50	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	150C	-65C	1000	49	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	150C	-65C	1000	50	0
SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	150C	-65C	300	48	0
SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	150C	-65C	500	48	0
SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	150C	-65C	1000	48	0
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	150C	-65C	300	50	0

SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	150C	-65C	500	50	0
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	150C	-65C	1000	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	150C	-65C	300	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	150C	-65C	500	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	150C	-65C	1000	50	0
SP563AAGN	R-CML	MR064026	R1	CY28410OXC	150C	-65C	300	50	0
SP563AAGN	R-CML	MR064026	R1	CY28410OXC	150C	-65C	500	50	0
SP563AAGN	R-CML	MR064026	R1	CY28410OXC	150C	-65C	1000	50	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	150C	-65C	300	48	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	150C	-65C	500	48	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	150C	-65C	1000	48	0
SP28214GL	T-TAIWAN	MR064082	R1	CY7C64215-28PVXC	150C	-65C	300	100	0
SP28214GL	T-TAIWAN	MR064082	R1	CY7C64215-28PVXC	150C	-65C	500	100	0
SP28214GL	T-TAIWAN	MR064082	R1	CY7C64215-28PVXC	150C	-65C	1000	99	0
SP2822BGL	M-PHIL	NR071001	R1	CY8C24423A-12PVXE	150C	-65C	500	49	0

Summary for Package Family : SSOP (Pb-free) (108 records)

Sum 5570 0

SOIC (J-Lead)

V2835GAHN	R-CML	62101	R1	CY7C1599	150C	-65C	300	45	0
V2835GAHN	R-CML	62101	R1	CY7C1599	150C	-65C	500	45	0
V2835GAHN	R-CML	62101	R1	CY7C1599	150C	-65C	1000	44	0
V444ZGALL	R-CML	MR061006	R1	CY7C1021CV33-12VC	150C	-65C	1000	47	0
V243GGBLE	O-INDNS	MR061083	R1	CY7C197B-15VC	150C	-65C	500	45	0
V243GGBLE	O-INDNS	MR061083	R1	CY7C197B-15VC	150C	-65C	1000	45	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	150C	-65C	300	50	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	150C	-65C	500	46	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	150C	-65C	1000	46	0
V32417ALE	O-INDNS	MR063024	R1	CY7C1019CV33-10VC	150C	-65C	1000	45	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	150C	-65C	300	50	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	150C	-65C	500	50	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	150C	-65C	1000	50	0
V32421XLN	R-CML	MR064003	R1	CY7C1019CV33-12VC	150C	-65C	300	50	0
V32421XLN	R-CML	MR064003	R1	CY7C1019CV33-12VC	150C	-65C	500	50	0
V32421XLN	R-CML	MR064003	R1	CY7C1019CV33-12VC	150C	-65C	1000	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	150C	-65C	300	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	150C	-65C	500	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	150C	-65C	1000	49	0
V243GGBLE	OMEDATA	MR064020	R1	CY7C194B-15VC	150C	-65C	500	45	0
V243GGBLE	OMEDATA	MR064020	R1	CY7C194B-15VC	150C	-65C	1000	45	0
V2835GALN	R-CML	MR071001	R1	CY7C185-25VC	150C	-65C	500	80	0

Summary for Package Family : SOIC (J-Lead) (22 records)

Sum 1077 0

SOIC (J-Lead, Pb-Free)

VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	150C	-65C	300	45	0
VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	150C	-65C	1000	45	0
VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	150C	-65C	500	45	0
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	150C	-65C	300	49	0
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	150C	-65C	1000	49	0
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	150C	-65C	500	49	0
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	150C	-65C	300	50	0
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	150C	-65C	1000	50	0
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	150C	-65C	500	50	0
VZ2439AGS	O-INDNS	NR062004	R1	CY7C187-25VXC	150C	-65C	300	45	0
VZ2439AGS	O-INDNS	NR062004	R1	CY7C187-25VXC	150C	-65C	1000	45	0
VZ2439AGS	O-INDNS	NR062004	R1	CY7C187-25VXC	150C	-65C	500	45	0
VZ2439AGS	O-INDNS	NR062004	R2	CY7C187-35VXC	150C	-65C	300	45	0
VZ2439AGS	O-INDNS	NR062004	R2	CY7C187-35VXC	150C	-65C	1000	45	0
VZ2439AGS	O-INDNS	NR062004	R2	CY7C187-35VXC	150C	-65C	500	45	0
VZ2439AGS	O-INDNS	NR062004	R3	CY7C187-25VXC	150C	-65C	300	45	0
VZ2439AGS	O-INDNS	NR062004	R3	CY7C187-25VXC	150C	-65C	1000	45	0
VZ2439AGS	O-INDNS	NR062004	R3	CY7C187-25VXC	150C	-65C	500	45	0

VZ28311GL	R-CML	NR061004	R1	CY7C199C-15VXC	150C	-65C	1000	50	0
VZ28311GL	R-CML	NR061004	R2	CY7C199C-15VXI	150C	-65C	1000	50	0
VZ28311GL	R-CML	NR061004	R2	CY7C199C-15VXI	150C	-65C	500	50	0
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	150C	-65C	300	50	0
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	150C	-65C	1000	50	0
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	150C	-65C	500	50	0
VZ28320ALR	O-INDNS	70309	R1	CY7C192-15VXCT	150C	-65C	300	44	0
VZ28320ALR	O-INDNS	70309	R1	CY7C192-15VXCT	150C	-65C	1000	44	0
VZ28320ALR	O-INDNS	70309	R2	CY7C192-15VXCT	150C	-65C	300	45	0
VZ28320ALR	O-INDNS	70309	R2	CY7C192-15VXCT	150C	-65C	1000	45	0
VZ28320ALR	O-INDNS	70309	R3	CY7C192-15VXCT	150C	-65C	300	45	0
VZ28320ALR	O-INDNS	70309	R3	CY7C192-15VXCT	150C	-65C	1000	45	0
VZ2843AGN	O-INDNS	63506	R1	CY7C106	150C	-65C	300	50	0
VZ2843AGN	O-INDNS	63506	R1	CY7C106	150C	-65C	1000	49	0
VZ2843AGN	O-INDNS	63506	R1	CY7C106	150C	-65C	500	49	0
VZ2843AGN	O-INDNS	63506	R2	CY7C106	150C	-65C	300	50	0
VZ2843AGN	O-INDNS	63506	R2	CY7C106	150C	-65C	1000	50	0
VZ2843AGN	O-INDNS	63506	R2	CY7C106	150C	-65C	500	50	0
VZ2843AGN	O-INDNS	63506	R3	CY7C106	150C	-65C	300	50	0
VZ2843AGN	O-INDNS	63506	R3	CY7C106	150C	-65C	1000	50	0
VZ2843AGN	O-INDNS	63506	R3	CY7C106	150C	-65C	500	50	0
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	150C	-65C	300	50	0
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	150C	-65C	1000	50	0
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	150C	-65C	500	50	0
VZ32418LL	R-CML	NR064001	R1	7C109SMC-RVZC	150C	-65C	500	50	0
VZ32418LL	R-CML	NR064001	R2	7C109SMC-RVZC	150C	-65C	500	50	0
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	150C	-65C	300	50	0
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	150C	-65C	1000	50	0
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	150C	-65C	500	50	0
VZ3644GALL	R-CML	MR064066	R1	CY7C1049B-15VXI	150C	-65C	300	50	0
VZ3644GALL	R-CML	MR064066	R1	CY7C1049B-15VXI	150C	-65C	1000	50	0
VZ3644GALL	R-CML	MR064066	R1	CY7C1049B-15VXI	150C	-65C	500	50	0
VZ444TAGAL	R-CML	63104	R1	CY7C1041D-VXI	150C	-65C	300	50	0
VZ444TAGAL	R-CML	63104	R1	CY7C1041D-VXI	150C	-65C	500	50	0
VZ444TAGAL	R-CML	63104	R2	CY7C1041D-VXI	150C	-65C	300	50	0
VZ444TAGAL	R-CML	63104	R2	CY7C1041D-VXI	150C	-65C	500	50	0
VZ444TAGAL	R-CML	63104	R3	CY7C1041D-VXI	150C	-65C	300	50	0
VZ444TAGAL	R-CML	63104	R3	CY7C1041D-VXI	150C	-65C	500	50	0
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	150C	-65C	300	50	0
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	150C	-65C	1000	49	0
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	150C	-65C	500	50	0
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	150C	-65C	300	50	0
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	150C	-65C	1000	50	0
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	150C	-65C	500	50	0
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	150C	-65C	300	50	0
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	150C	-65C	1000	50	0
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	150C	-65C	500	50	0

Summary for Package Family : SOIC (J-Lead, Pb-free) (65 records)

Sum 3152 0

TQFP									
A100SGAGL	R-CML	53901	R4A	CY7C027V-25AC	150C	-65C	1000	50	0
A100SGAGL	R-CML	53901	R5A	CY7C027V-25AC	150C	-65C	1000	50	0
A100	L-SEOUL	54904	1	7CL8Q01AC	150C	-65C	300	100	0
A100	L-SEOUL	54904	1	7CL8Q01AC	150C	-65C	500	100	0
A100	L-SEOUL	54904	1	7CL8Q01AC	150C	-65C	1000	100	0
A100	R-CML	62205	R1	S8AUP	150C	-65C	300	60	0
A100	R-CML	62205	R1	S8AUP	150C	-65C	500	60	0
A100	R-CML	62205	R2	S8AUP	150C	-65C	300	198	0
A100	R-CML	62205	R2	S8AUP	150C	-65C	500	195	0
A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	150C	-65C	300	45	0
A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	150C	-65C	500	45	0

A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	150C	-65C	1000	45	0
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	150C	-65C	300	49	0
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	150C	-65C	500	48	0
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	150C	-65C	1000	48	0
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	150C	-65C	300	50	0
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	150C	-65C	500	50	0
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	150C	-65C	1000	50	0
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	150C	-65C	300	50	0
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	150C	-65C	500	50	0
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	150C	-65C	1000	50	0
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	150C	-65C	300	50	0
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	150C	-65C	500	50	0
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	150C	-65C	1000	50	0
A52ASGAGE	Q-KOREA	MR064081	R1	CY7B9945V-5AC	150C	-65C	300	48	0
A52ASGAGE	Q-KOREA	MR064081	R1	CY7B9945V-5AC	150C	-65C	500	48	0
A100NGAAE	G-TAIWAN	NR053003	R3	CY7C1329-100AC	150C	-65C	1000	47	0
A128SAGLL	R-CML	NR061005	R1	CY7C68013-128AC	150C	-65C	500	45	0
A128SAGLL	R-CML	NR061005	R1	CY7C68013-128AC	150C	-65C	1000	45	0
<b>Summary for Package Family : TQFP (29 records)</b>									
<b>Sum</b>								<b>1876</b>	<b>0</b>
<b>TQFP (10 X 10)</b>									
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	150C	-65C	300	50	0
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	150C	-65C	500	50	0
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	150C	-65C	1000	50	0
<b>Summary for Package Family : TQFP (10 X 10) (3 records)</b>									
<b>Sum</b>								<b>150</b>	<b>0</b>
<b>TQFP (Pb-free)</b>									
AZ100RIALL	R-CML	53901	R1	CY7C1370D	150C	-65C	1000	50	0
AZ100RIALL	R-CML	53901	R2	CY7C1370D	150C	-65C	1000	49	0
AZ100RIALL	R-CML	53901	R3	CY7C1370D	150C	-65C	1000	49	0
AZ100RRLL	R-CML	61103	R1	CY7C1470V33	150C	-65C	300	44	0
AZ100RRLL	R-CML	61103	R1	CY7C1470V33	150C	-65C	500	43	0
AZ100RRLL	R-CML	61103	R1	CY7C1470V33	150C	-65C	1000	43	0
AZ100RRLL	R-CML	61103	R2	CY7C1470V33	150C	-65C	300	45	0
AZ100RRLL	R-CML	61103	R2	CY7C1470V33	150C	-65C	500	45	0
AZ100RRLL	R-CML	61103	R2	CY7C1470V33	150C	-65C	1000	45	0
AZ100RRLL	R-CML	61103	R3	CY7C1470V33	150C	-65C	300	45	0
AZ100RRLL	R-CML	61103	R3	CY7C1470V33	150C	-65C	500	45	0
AZ100RRLL	R-CML	61103	R3	CY7C1470V33	150C	-65C	1000	45	0
AZ100RRALL	R-CML	62603	R1	CY7C1470V33	150C	-65C	300	50	0
AZ100RRALL	R-CML	62603	R1	CY7C1470V33	150C	-65C	500	49	0
AZ100RRALL	R-CML	62603	R1	CY7C1470V33	150C	-65C	1000	47	0
AZ100RRALL	R-CML	62603	R2	CY7C1470V33	150C	-65C	300	50	0
AZ100RRALL	R-CML	62603	R2	CY7C1470V33	150C	-65C	500	49	0
AZ100RRALL	R-CML	62603	R2	CY7C1470V33	150C	-65C	1000	44	0
AZ100RRALL	R-CML	62603	R3	CY7C1470V33	150C	-65C	300	49	0
AZ100RRALL	R-CML	62603	R3	CY7C1470V33	150C	-65C	500	49	0
AZ100RRALL	R-CML	62603	R3	CY7C1470V33	150C	-65C	1000	49	0
AZ100RULN	R-CML	63302	R1A	CY7C1325G-100AXI	150C	-65C	300	50	0
AZ100RULN	R-CML	63302	R1A	CY7C1325G-100AXI	150C	-65C	500	49	0
AZ100RULN	R-CML	63302	R1A	CY7C1325G-100AXI	150C	-65C	1000	48	0
AZ100RULN	R-CML	63302	R1B	CY7C1325G-100AXI	150C	-65C	300	49	0
AZ100RULN	R-CML	63302	R1B	CY7C1325G-100AXI	150C	-65C	500	49	0
AZ100RULN	R-CML	63302	R1B	CY7C1325G-100AXI	150C	-65C	1000	48	0
AZ100RULN	R-CML	63302	R2A	CY7C1325G-100AXI	150C	-65C	300	50	0
AZ100RULN	R-CML	63302	R2A	CY7C1325G-100AXI	150C	-65C	500	50	0
AZ100RULN	R-CML	63302	R2A	CY7C1325G-100AXI	150C	-65C	1000	50	0
AZ100RULN	R-CML	63302	R2B	CY7C1325G-100AXI	150C	-65C	300	50	0
AZ100RULN	R-CML	63302	R2B	CY7C1325G-100AXI	150C	-65C	500	49	0
AZ100RULN	R-CML	63302	R2B	CY7C1325G-100AXI	150C	-65C	1000	49	0
AZ100RULN	R-CML	63302	R3A	CY7C1325G-100AXI	150C	-65C	300	50	0

AZ100RULN	R-CML	63302	R3A	CY7C1325G-100AXI	150C	-65C	500	50	0
AZ100RULN	R-CML	63302	R3A	CY7C1325G-100AXI	150C	-65C	1000	49	0
AZ100RULN	R-CML	63302	R3B	CY7C1325G-100AXI	150C	-65C	300	50	0
AZ100RULN	R-CML	63302	R3B	CY7C1325G-100AXI	150C	-65C	500	50	0
AZ100RULN	R-CML	63302	R3B	CY7C1325G-100AXI	150C	-65C	1000	49	0
AZ160SDAAR	Q-KOREA	64701	R1	CY37192P160-83AXC	150C	-65C	300	50	0
AZ160SDAAR	Q-KOREA	64701	R1	CY37192P160-83AXC	150C	-65C	500	50	0
AZ160SDAAR	Q-KOREA	64701	R1	CY37192P160-83AXC	150C	-65C	1000	50	0
AZ160SDAAR	Q-KOREA	64701	R2	CY37192P160-83AXC	150C	-65C	300	50	0
AZ160SDAAR	Q-KOREA	64701	R2	CY37192P160-83AXC	150C	-65C	500	50	0
AZ160SDAAR	Q-KOREA	64701	R2	CY37192P160-83AXC	150C	-65C	1000	50	0
AZ160SDAAR	Q-KOREA	64701	R3	CY37192P160-83AXC	150C	-65C	300	50	0
AZ160SDAAR	Q-KOREA	64701	R3	CY37192P160-83AXC	150C	-65C	500	50	0
AZ160SDAAR	Q-KOREA	64701	R3	CY37192P160-83AXC	150C	-65C	1000	50	0
AZ128BGAL	G-TAIWAN	MR054010	R1	CY7C68013A-128AXC	150C	-65C	1000	38	0
AZ64FXGAL	G-TAIWAN	MR061046	R1	CY7C144-55AXC	150C	-65C	1000	50	0
AZ100RSLL	R-CML	MR061068	R1	CY7C1347G-133AXC	150C	-65C	300	100	0
AZ100RSLL	R-CML	MR061068	R1	CY7C1347G-133AXC	150C	-65C	500	99	0
AZ100RSLL	R-CML	MR061068	R1	CY7C1347G-133AXC	150C	-65C	1000	99	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	150C	-65C	300	49	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	150C	-65C	500	49	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	150C	-65C	1000	48	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	150C	-65C	300	50	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	150C	-65C	500	50	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	150C	-65C	1000	50	0
AZ64EXGAL	G-TAIWAN	MR062102	R1	CY7C4225-15AXC	150C	-65C	300	45	0
AZ64EXGAL	G-TAIWAN	MR062102	R1	CY7C4225-15AXC	150C	-65C	500	45	0
AZ64EXGAL	G-TAIWAN	MR062102	R1	CY7C4225-15AXC	150C	-65C	1000	45	0
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	150C	-65C	500	50	0
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	150C	-65C	500	50	0
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	150C	-65C	1000	50	0
AZ100RULN	R-CML	MR063017	R1	CY7C1325G-133AXCT	150C	-65C	300	44	0
AZ100RULN	R-CML	MR063017	R1	CY7C1325G-133AXCT	150C	-65C	500	44	0
AZ100RULN	R-CML	MR063017	R1	CY7C1325G-133AXCT	150C	-65C	1000	44	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	150C	-65C	300	46	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	150C	-65C	500	46	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	150C	-65C	1000	46	0
AZ100RCGN	G-TAIWAN	MR063087	R1	CY7C64713-100AXC	150C	-65C	300	50	0
AZ100RCGN	G-TAIWAN	MR063087	R1	CY7C64713-100AXC	150C	-65C	500	50	0
AZ100RCGN	G-TAIWAN	MR063087	R1	CY7C64713-100AXC	150C	-65C	1000	50	0
AZ100RULN	R-CML	MR064010	R1	CY7C1325G-133AXC	150C	-65C	300	50	0
AZ100RULN	R-CML	MR064010	R1	CY7C1325G-133AXC	150C	-65C	500	49	0
AZ100RULN	R-CML	MR064010	R1	CY7C1325G-133AXC	150C	-65C	1000	49	0
AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	150C	-65C	300	50	0
AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	150C	-65C	500	50	0
AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	150C	-65C	1000	50	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	150C	-65C	300	46	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	150C	-65C	500	45	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	150C	-65C	1000	44	0
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	150C	-65C	300	49	0
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	150C	-65C	500	49	0
AZ100RXLL	R-CML	MR071051	R1	CY7C1354CV25-166AXC	150C	-65C	500	80	0
AZ52AAGAL	Q-KOREA	NR052002	R2	CY29775AXI	150C	-65C	500	50	0
AZ52AAGAL	Q-KOREA	NR052002	R2	CY29775AXI	150C	-65C	1000	50	0
AZ52AAGAL	Q-KOREA	NR052002	R3	CY29972AXI	150C	-65C	300	42	0
AZ52AAGAL	Q-KOREA	NR052002	R3	CY29972AXI	150C	-65C	500	42	0
AZ52AAGAL	Q-KOREA	NR052002	R3	CY29972AXI	150C	-65C	1000	42	0
AZ32BXGAN	Q-KOREA	NR052002	R7	CY7B9945V-2AXI	150C	-65C	300	15	0
AZ32BXGAN	Q-KOREA	NR052002	R7	CY7B9945V-2AXI	150C	-65C	500	15	0
AZ32BXGAN	Q-KOREA	NR052002	R7	CY7B9945V-2AXI	150C	-65C	1000	15	0
AZ32BXGAN	Q-KOREA	NR052002	R8	CY7C4251V-25AXC	150C	-65C	100	11	0
AZ32BXGAN	Q-KOREA	NR052002	R8	CY7C4251V-25AXC	150C	-65C	200	11	0

AZ32BXGAN	Q-KOREA	NR052002	R8	CY7C4251V-25AXC	150C	-65C	300	11	0
AZ32BXGAN	Q-KOREA	NR052002	R8	CY7C4251V-25AXC	150C	-65C	500	11	0
AZ32BXGAN	Q-KOREA	NR052002	R8	CY7C4251V-25AXC	150C	-65C	1000	11	0
AZ52ASGAL	Q-KOREA	NR054002	R1	CY7B9945V-2AXI	150C	-65C	300	43	0
AZ52ASGAL	Q-KOREA	NR054002	R3	CY7B9973V-AXC	150C	-65C	1000	45	0
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	150C	-65C	300	49	0
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	150C	-65C	500	48	0
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	150C	-65C	1000	47	0
AZ128SALL	R-CML	NR061005	R3	CY7C68013A-128AXI	150C	-65C	300	49	0
AZ128SALL	R-CML	NR061005	R3	CY7C68013A-128AXI	150C	-65C	500	48	0
AZ128SALL	R-CML	NR061005	R3	CY7C68013A-128AXI	150C	-65C	1000	48	0
AZ100RCGAN	G-TAIWAN	NR062003	R1	7C82001BC-GAZC	150C	-65C	300	45	0
AZ100RCGAN	G-TAIWAN	NR062003	R1	7C82001BC-GAZC	150C	-65C	500	45	0
AZ100RCGAN	G-TAIWAN	NR062003	R1	7C82001BC-GAZC	150C	-65C	1000	45	0
AZ100RRALL	RA-CML	NR064002	R2	CY7C1480V33	125C	-55C	300	14	0
AZ100RRAL	R-CML	NR064002	R4	7C1471AC-RAZC	150C	-65C	300	14	0

Summary for Package Family : TQFP (Pb-free) (111 records)

Sum 5137 0

TQFP (Thermal, Pb-free)

AG120ABAGR	Q-KOREA	63203	R1	CYS25G0101DX-ATXC	150C	-65C	300	45	0
AG120ABAGR	Q-KOREA	63203	R1	CYS25G0101DX-ATXC	150C	-65C	1000	45	0
AG120ABAGR	Q-KOREA	63203	R2	CYS25G0101DX-ATXC	150C	-65C	300	45	0
AG120ABAGR	Q-KOREA	63203	R2	CYS25G0101DX-ATXC	150C	-65C	1000	45	0
AG120ABAGR	Q-KOREA	63203	R3	CYS25G0101DX-ATXC	150C	-65C	300	45	0
AG120ABAGR	Q-KOREA	63203	R3	CYS25G0101DX-ATXC	150C	-65C	1000	44	0
AG120ABAGR	Q-KOREA	63203	R3	CYS25G0101DX-ATXC	150C	-65C	500	45	0

Summary for Package Family : TQFP (Thermal, Pb-Free) (7 records)

Sum 314 0

TSOP (Pb-free)

ZT28R5GAGL	R-CML	60904	R1	CY7C199-15ZXC	150C	-65C	500	50	0
ZT28R5GAGL	R-CML	60904	R1	CY7C199-15ZXC	150C	-65C	1000	50	0
ZT28R5GAGL	R-CML	60904	R2	CY7C199-15ZXC	150C	-65C	500	50	0
ZT28R5GAGL	R-CML	60904	R2	CY7C199-15ZXC	150C	-65C	1000	50	0
ZT28R5GAGL	R-CML	60904	R3	CY7C199-15ZXC	150C	-65C	500	50	0
ZT28R5GAGL	R-CML	60904	R3	CY7C199-15ZXC	150C	-65C	1000	49	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	150C	-65C	300	50	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	150C	-65C	500	50	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	150C	-65C	1000	50	0
ZT32RACALL	RA-CML	63907	R2	CY7C109BN-15ZXC	150C	-65C	300	48	0
ZT32RACALL	RA-CML	63907	R2	CY7C109BN-15ZXC	150C	-65C	500	48	0
ZT32RACALL	RA-CML	63907	R2	CY7C109BN-15ZXC	150C	-65C	1000	47	0
ZT32RACALL	RA-CML	63907	R3	CY7C109BN-15ZXC	150C	-65C	300	45	0
ZT32RACALL	RA-CML	63907	R3	CY7C109BN-15ZXC	150C	-65C	500	45	0
ZT32RACALL	RA-CML	63907	R3	CY7C109BN-15ZXC	150C	-65C	1000	40	0
ZT28R2AGN	R-CML	MR061010	R1	CY7C199-15ZXC	150C	-65C	500	50	0
ZT28R2AGN	R-CML	MR061010	R1	CY7C199-15ZXC	150C	-65C	1000	49	0
ZT48ACALL	G-TAIWAN	MR061058	R1	CY62167DV30LL-70ZXI	150C	-65C	300	50	0
ZT48ACALL	G-TAIWAN	MR062020	R1	CY62167DV30LL-55ZXI	150C	-65C	500	50	0
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	150C	-65C	300	50	0
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	150C	-65C	500	50	0
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	150C	-65C	1000	50	0
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZXI	150C	-65C	300	49	0
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZXI	150C	-65C	500	49	0
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZXI	150C	-65C	1000	49	0
ZT48ACALL	G-ASE	MR063016	R1	CY62167DV30LL-45ZXI	150C	-65C	300	45	0
ZT48ACALL	G-ASE	MR063016	R1	CY62167DV30LL-45ZXI	150C	-65C	500	45	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	150C	-65C	300	50	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	150C	-65C	500	50	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	150C	-65C	1000	50	0
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXCT	150C	-65C	300	50	0
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXCT	150C	-65C	500	50	0

ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXT	150C	-65C	1000	50	0
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	150C	-65C	300	50	0
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	150C	-65C	500	50	0
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	150C	-65C	1000	50	0
ZT32RABALL	T-TAIWAN	MR071049	R1	CY62128ELL-45ZXI	150C	-65C	500	80	0
ZT48ACALL	G-TAIWAN	NR052007	R3	CY62167DV30LL-70ZXI	150C	-65C	300	50	0
ZT48ACALL	G-TAIWAN	NR052007	R3	CY62167DV30LL-70ZXI	150C	-65C	500	50	0
ZT48ACALL	G-TAIWAN	NR052007	R3	CY62167DV30LL-70ZXI	150C	-65C	1000	50	0

Summary for Package Family : TSOP (Pb-free) (40 records)

Sum 1988 0

TSOP I									
ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	150C	-65C	300	50	0
ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	150C	-65C	1000	50	0
ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	150C	-65C	500	50	0

Summary for Package Family : TSOP I (3 records)

Sum 150 0

TSOP I (Pb-free)									
ZB32RHALL	R-CML	64507	R1	CY62128BLL-55ZAXIT	150C	-65C	300	50	0
ZB32RHALL	R-CML	64507	R1	CY62128BLL-55ZAXIT	150C	-65C	500	49	0
ZB32RHALL	R-CML	64507	R2	CY62128BLL-55ZAXIT	150C	-65C	300	50	0
ZB32RHALL	R-CML	64507	R2	CY62128BLL-55ZAXIT	150C	-65C	500	50	0
ZB32RHALL	R-CML	64507	R3	CY62128BLL-55ZAXIT	150C	-65C	300	50	0
ZB32RHALL	R-CML	64507	R3	CY62128BLL-55ZAXIT	150C	-65C	500	50	0
ZB32RHALL	R-CML	MR061069	R1	CS6368AM	150C	-65C	300	45	0
ZB32RHALL	R-CML	MR061069	R1	CS6368AM	150C	-65C	1000	45	0
ZB32RHALL	R-CML	MR061069	R1	CS6368AM	150C	-65C	500	45	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	150C	-65C	300	46	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	150C	-65C	1000	46	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	150C	-65C	500	46	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	150C	-65C	300	50	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	150C	-65C	1000	50	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	150C	-65C	500	50	0
ZB32RHALLN	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	150C	-65C	300	50	0
ZB32RHALLN	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	150C	-65C	1000	50	0
ZB32RHALLN	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	150C	-65C	500	50	0
ZB32RHALLN	R-CML	MR064085	R1	CY62128EV30LL-45ZAXI	150C	-65C	300	50	0
ZB32RHALLN	R-CML	MR064085	R1	CY62128EV30LL-45ZAXI	150C	-65C	500	50	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	150C	-65C	300	50	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	150C	-65C	1000	50	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	150C	-65C	500	50	0

Summary for Package Family : TSOP I (Pb-Free) (23 records)

Sum 1122 0

TSOP II									
ZS444YBLL	R-CML	60905	R1	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS444YBLL	R-CML	60905	R1	CY7C1041AV33-20ZC	150C	-65C	500	50	0
ZS444YBLL	R-CML	60905	R1	CY7C1041AV33-20ZC	150C	-65C	1000	50	0
ZS444YBLL	R-CML	60905	R2	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS444YBLL	R-CML	60905	R2	CY7C1041AV33-20ZC	150C	-65C	500	50	0
ZS444YBLL	R-CML	60905	R2	CY7C1041AV33-20ZC	150C	-65C	1000	50	0
ZS444YBLL	R-CML	60905	R3	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS444YBLL	R-CML	60905	R3	CY7C1041AV33-20ZC	150C	-65C	500	50	0
ZS444YBLL	R-CML	60905	R3	CY7C1041AV33-20ZC	150C	-65C	1000	50	0
ZS444YBLL	R-CML	60907	R1	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS444YBLL	R-CML	60907	R1	CY7C1041AV33-20ZC	150C	-65C	500	50	0
ZS444YBLL	R-CML	60907	R2	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS444YBLL	R-CML	60907	R3	CY7C1041AV33-20ZC	150C	-65C	300	50	0
ZS324FAGE	T-TAIWAN	MR061038	R1	CY7C1019CV33-RZC	150C	-65C	1000	49	0
ZS444VAGL	R-CML	MR061063	R1	CY7C1021B-15ZC	150C	-65C	500	199	0
ZS444VAGL	R-CML	MR061063	R1	CY7C1021B-15ZC	150C	-65C	1000	198	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	150C	-65C	300	50	0
ZS444ABALE	R-CML	MR061067	R1	CS6334AS	150C	-65C	500	50	0

ZS444ABALE	R-CML	MR061067	R1	CS6334AS	150C	-65C	1000	50	0
ZS544AALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	150C	-65C	300	50	0
ZS544AALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	150C	-65C	500	50	0
ZS544AALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	150C	-65C	1000	50	0
ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	150C	-65C	300	50	0
ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	150C	-65C	500	50	0
ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	150C	-65C	1000	50	0
ZS544AALE	G-TAIWAN	MR063015	R1	CY7C1061AV33-12ZI	150C	-65C	300	50	0
ZS544AALE	G-TAIWAN	MR063015	R1	CY7C1061AV33-12ZI	150C	-65C	500	50	0
ZS544AALE	G-TAIWAN	MR063015	R1	CY7C1061AV33-12ZI	150C	-65C	1000	50	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	150C	-65C	300	50	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	150C	-65C	500	50	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	150C	-65C	1000	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	150C	-65C	300	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	150C	-65C	500	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	150C	-65C	1000	50	0
ZS544AALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	150C	-65C	300	45	0
ZS544AALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	150C	-65C	500	45	0
ZS544AALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	150C	-65C	1000	45	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	150C	-65C	300	45	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	150C	-65C	500	45	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	150C	-65C	1000	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	150C	-65C	300	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	150C	-65C	500	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	150C	-65C	1000	45	0

Summary for Package Family : TSOP II (43 records)

Sum 2401 0

TSOP II (Pb-free)

ZW444VAGL	R-CML	52207	R3	CY7C1041DV33	150C	-65C	1000	50	0
ZW444AFLL	R-CML	54909	R2	CY62157EV	150C	-65C	500	50	0
ZW444AFLL	R-CML	54909	R2	CY62157EV	150C	-65C	1000	50	0
ZW444AFLL	R-CML	54909	R2A	CY62157EV	150C	-65C	500	50	0
ZW444AFLL	R-CML	54909	R2A	CY62157EV	150C	-65C	1000	50	0
ZW324CBLL	T-TAIWAN	60901	R1	CY7C1019CV33	150C	-65C	500	50	0
ZW324CBLL	T-TAIWAN	60901	R1	CY7C1019CV33	150C	-65C	1000	50	0
ZW324CBLL	T-TAIWAN	60901	R2	CY7C1019CV33	150C	-65C	500	50	0
ZW324CBLL	T-TAIWAN	60901	R2	CY7C1019CV33	150C	-65C	1000	50	0
ZW324CBLL	T-TAIWAN	60901	R3	CY7C1019CV33	150C	-65C	500	50	0
ZW324CBLL	T-TAIWAN	60901	R3	CY7C1019CV33	150C	-65C	1000	50	0
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	150C	-65C	300	50	0
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	150C	-65C	500	50	0
ZW444AHGLL	R-CML	62001	R2	CY7C1021D	150C	-65C	1000	49	0
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	150C	-65C	300	49	0
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	150C	-65C	500	49	0
ZW444AHGLL	R-CML	62001	R3	CY7C1021D	150C	-65C	1000	49	0
ZW444YAGL	R-CML	63202	R1	CY7C1041D-ZSXI	150C	-65C	300	50	0
ZW444YAGL	R-CML	63202	R1	CY7C1041D-ZSXI	150C	-65C	500	50	0
ZW444YAGL	R-CML	63202	R1	CY7C1041D-ZSXI	150C	-65C	1000	50	0
ZW444YAGL	R-CML	63202	R2	CY7C1041D-ZSXI	150C	-65C	300	50	0
ZW444YAGL	R-CML	63202	R2	CY7C1041D-ZSXI	150C	-65C	500	48	0
ZW444YAGL	R-CML	63202	R2	CY7C1041D-ZSXI	150C	-65C	1000	48	0
ZW444YAGL	R-CML	63202	R3	CY7C1041D-ZSXI	150C	-65C	300	50	0
ZW444YAGL	R-CML	63202	R3	CY7C1041D-ZSXI	150C	-65C	500	50	0
ZW444YAGL	R-CML	63202	R3	CY7C1041D-ZSXI	150C	-65C	1000	50	0
ZW54BGALL	G-TAIWAN	63709	R1A	CY7C1061DV33-10ZXI	150C	-65C	300	45	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	150C	-65C	300	50	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	150C	-65C	500	50	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	150C	-65C	1000	50	0
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	150C	-65C	300	50	0
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	150C	-65C	500	50	0
ZW444ALLR	G-TAIWAN	64102	R2	CY7C1051DV33-10ZSXES	150C	-65C	1000	50	0



ZW444ALLR	R-CML	64102	R3	CY7C1051DV33-10ZSXES	150C	-65C	300	49	0
ZW444ALLR	R-CML	64102	R3	CY7C1051DV33-10ZSXES	150C	-65C	500	49	0
ZW444ALLR	R-CML	64102	R3	CY7C1051DV33-10ZSXES	150C	-65C	1000	49	0
ZW444AMLN	R-CML	71103	R1	CY62157ELL	150C	-65C	500	55	0
ZW444AMLN	R-CML	71103	R1	CY62157ELL	150C	-65C	1000	50	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	150C	-65C	300	49	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	150C	-65C	500	48	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	150C	-65C	1000	48	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXEXE	150C	-65C	500	50	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXEXE	150C	-65C	1000	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	150C	-65C	300	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	150C	-65C	500	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	150C	-65C	1000	50	0
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXEXE	150C	-65C	500	50	0
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXEXE	150C	-65C	1000	50	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	150C	-65C	300	50	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	150C	-65C	500	50	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	150C	-65C	1000	50	0
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	150C	-65C	300	50	0
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	150C	-65C	500	50	0
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	150C	-65C	1000	50	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	150C	-65C	300	50	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	150C	-65C	500	50	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	150C	-65C	1000	50	0
ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	150C	-65C	300	49	0
ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	150C	-65C	500	48	0
ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	150C	-65C	1000	48	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXEXE	150C	-65C	300	80	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXEXE	150C	-65C	500	80	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXEXE	150C	-65C	1000	80	0
<b>Summary for Package Family : TSOP II (Pb-free) (63 records)</b>									
<b>Sum</b>								<b>3219</b>	<b>0</b>
<b>RTSOP</b>									
ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	150C	-65C	300	50	0
ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	150C	-65C	500	49	0
ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	150C	-65C	1000	49	0
<b>Summary for Package Family : RTSOP (3 records)</b>									
<b>Sum</b>								<b>148</b>	<b>0</b>
<b>RTSOP (Pb-free)</b>									
ZT32RYBGL	T-TAIWAN	63211	R4	CY62128ELL-ZXI	150C	-65C	300	50	0
ZY32RYBLL	T-TAIWAN	63211	R5	CY62128ELL-ZXI	150C	-65C	300	45	0
ZY32RYBLL	T-TAIWAN	63211	R6	CY62128ELL-ZXI	150C	-65C	300	45	0
<b>Summary for Package Family : RTSOP (Pb-free) (3 records)</b>									
<b>Sum</b>								<b>140</b>	<b>0</b>
<b>TSSOP</b>									
Z5624BAGN	R-CML	62602	R1	W320-03X	150C	-65C	300	50	0
Z5624BAGN	R-CML	62602	R1	W320-03X	150C	-65C	500	50	0
Z5624BAGN	R-CML	62602	R1	W320-03X	150C	-65C	1000	50	0
Z5624BAGN	R-CML	62602	R2	W320-03X	150C	-65C	300	50	0
Z5624BAGN	R-CML	62602	R2	W320-03X	150C	-65C	500	50	0
Z5624BAGN	R-CML	62602	R2	W320-03X	150C	-65C	1000	50	0
Z5624BAGN	R-CML	62602	R3	W320-03X	150C	-65C	300	49	0
Z5624BAGN	R-CML	62602	R3	W320-03X	150C	-65C	500	49	0
Z5624BAGN	R-CML	62602	R3	W320-03X	150C	-65C	1000	49	0
Z5624BAGN	R-CML	MR061005	R1	CY28409ZC	150C	-65C	500	47	0
Z1619GAGN	RA-CML	MR061019	R1	C722393FI	150C	-65C	1000	50	0
Z1619GAGN	RA-CML	MR061033	R1	CY22392ZC-356	150C	-65C	1000	50	0
Z1614GAGB	T-TAIWAN	MR061049	R1	CY22392ZC-347	150C	-65C	1000	50	0
Z1619GAGN	RA-CML	MR062015	R1	CY22393FC	150C	-65C	300	50	0
Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	150C	-65C	300	50	0
Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	150C	-65C	500	50	0

Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	150C	-65C	1000	50	0
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	150C	-65C	300	49	0
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	150C	-65C	500	47	0
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	150C	-65C	1000	46	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	150C	-65C	300	49	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	150C	-65C	500	48	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	150C	-65C	1000	48	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	150C	-65C	300	45	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	150C	-65C	500	45	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	150C	-65C	1000	47	0
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	150C	-65C	500	48	0
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	150C	-65C	1000	47	0
Z5624BAGN	R-CML	MR064072	R1	CY28419ZC	150C	-65C	300	48	0
Z5624BAGN	R-CML	MR064072	R1	CY28419ZC	150C	-65C	500	47	0
Z5624BAGN	R-CML	MR064072	R1	CY28419ZC	150C	-65C	1000	47	0
Z1614GAGB	T-TAIWAN	NR052006	R10	CY22392ZC-366	150C	-65C	300	15	0
Z1614GAGB	T-TAIWAN	NR052006	R10	CY22392ZC-366	150C	-65C	500	15	0
Z1614GAGB	T-TAIWAN	NR052006	R7	CY22392ZC-366	150C	-65C	1000	14	0
Z1614GAGB	T-TAIWAN	NR052006	R8	CY22395FC	150C	-65C	300	14	0
Z1614GAGB	T-TAIWAN	NR052006	R8	CY22395FC	150C	-65C	500	14	0
Z1614GAGB	T-TAIWAN	NR052006	R8	CY22395FC	150C	-65C	1000	14	0
Z1614GAGB	T-TAIWAN	NR052006	R9	CY22392FC	150C	-65C	300	15	0
Z1614GAGB	T-TAIWAN	NR052006	R9	CY22392FC	150C	-65C	500	15	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	150C	-65C	300	49	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	150C	-65C	500	49	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	150C	-65C	1000	49	0

Summary for Package Family : TSSOP (42 records)

Sum 1768 0

TSSOP (Pb-free)

ZZ6421GAGL	M-PHIL	60306	R1	CY28505ZXC-2	150C	-65C	1000	50	0
ZZ6421GAGL	M-PHIL	60306	R2	CY28505ZXC-2	150C	-65C	500	48	0
ZZ6421GAGL	M-PHIL	60306	R2	CY28505ZXC-2	150C	-65C	1000	48	0
ZZ6421GAGL	M-PHIL	60306	R3	CY28505ZXC-2	150C	-65C	500	49	0
ZZ6421GAGL	M-PHIL	60306	R3	CY28505ZXC-2	150C	-65C	1000	48	0
ZZ2817AGL	RA-CML	60903	R1	CY28517ZXC	150C	-65C	500	50	0
ZZ2817AGL	RA-CML	60903	R1	CY28517ZXC	150C	-65C	1000	50	0
ZZ2817AGL	RA-CML	60903	R2	CY28517ZXC	150C	-65C	500	49	0
ZZ2817AGL	RA-CML	60903	R2	CY28517ZXC	150C	-65C	1000	49	0
ZZ2817AGL	RA-CML	60903	R3	CY28517ZXC	150C	-65C	500	48	0
ZZ2817AGL	RA-CML	60903	R3	CY28517ZXC	150C	-65C	1000	48	0
ZZ2415GAL	RA-CML	60909	R1	CY22315ZXCT	150C	-65C	300	45	0
ZZ2415GAL	RA-CML	60909	R1	CY22315ZXCT	150C	-65C	500	45	0
ZZ2415GAL	RA-CML	60909	R1	CY22315ZXCT	150C	-65C	1000	45	0
ZZ2415GAL	RA-CML	60909	R2	CY22315ZXCT	150C	-65C	300	45	0
ZZ2415GAL	RA-CML	60909	R2	CY22315ZXCT	150C	-65C	500	45	0
ZZ2415GAL	RA-CML	60909	R2	CY22315ZXCT	150C	-65C	1000	45	0
ZZ2415GAL	RA-CML	60909	R3	CY22315ZXCT	150C	-65C	300	43	0
ZZ2415GAL	RA-CML	60909	R3	CY22315ZXCT	150C	-65C	500	43	0
ZZ2415GAL	RA-CML	60909	R3	CY22315ZXCT	150C	-65C	1000	43	0
ZZ2415GAL	RA-CML	60909	R4	CY22315ZXCT	150C	-65C	300	45	0
ZZ2415GAL	RA-CML	60909	R4	CY22315ZXCT	150C	-65C	1000	44	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	150C	-65C	300	41	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	150C	-65C	500	40	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	150C	-65C	1000	40	0
ZZ642VFRHS	T-TAIWAN	64101	R2	CY505YC64DT	150C	-65C	300	42	0
ZZ642VFRHS	T-TAIWAN	64101	R2	CY505YC64DT	150C	-65C	500	42	0
ZZ642VFRHS	T-TAIWAN	64101	R2	CY505YC64DT	150C	-65C	1000	42	0
ZZ642VFRHS	T-TAIWAN	64101	R3	CY505YC64DT	150C	-65C	300	44	0
ZZ642VFRHS	T-TAIWAN	64101	R3	CY505YC64DT	150C	-65C	500	44	0
ZZ642VFRHS	T-TAIWAN	64101	R3	CY505YC64DT	150C	-65C	1000	44	0
ZZ1619GAN	RA-CML	MR061021	R1	CY22393FXC	150C	-65C	1000	50	0

ZZ1614HAN	T-TAIWAN	MR061050	R1	CY23FS04ZXI	150C	-65C	500	50	0
ZZ1614HAN	T-TAIWAN	MR061050	R1	CY23FS04ZXI	150C	-65C	1000	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	150C	-65C	300	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	150C	-65C	500	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	150C	-65C	1000	50	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	150C	-65C	300	50	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	150C	-65C	500	50	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	150C	-65C	1000	50	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	150C	-65C	300	50	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	150C	-65C	500	50	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	150C	-65C	1000	50	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	150C	-65C	300	50	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	150C	-65C	500	50	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	150C	-65C	1000	50	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	150C	-65C	300	50	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	150C	-65C	500	50	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	150C	-65C	1000	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	150C	-65C	300	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	150C	-65C	500	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	150C	-65C	1000	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	150C	-65C	300	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	150C	-65C	500	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	150C	-65C	1000	50	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	150C	-65C	300	50	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	150C	-65C	500	50	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	150C	-65C	1000	50	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	150C	-65C	300	50	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	150C	-65C	500	50	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	150C	-65C	1000	50	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	150C	-65C	300	50	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	150C	-65C	500	50	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	150C	-65C	1000	49	0
ZZ6421GAGL	M-PHIL	MR064016	R1	CY28548ZXC	150C	-65C	300	46	0
ZZ6421GAGL	M-PHIL	MR064016	R1	CY28548ZXC	150C	-65C	500	46	0
ZZ6421GAGL	M-PHIL	MR064016	R1	CY28548ZXC	150C	-65C	1000	46	0
ZZ5624BGN	R-CML	MR071002	R1	CY505YC56DT	150C	-65C	500	80	0
ZZ2817AGL	RA-CML	MR071043	R1	CY28517ZXCT	150C	-65C	500	80	0
ZZ2813AAGL	T-TAIWAN	NR054005	R2	CY28517ZXC	150C	-65C	1000	44	0
ZZ2813AAGL	T-TAIWAN	NR054005	R3	CY28517ZXC	150C	-65C	500	45	0
ZZ2813AAGL	T-TAIWAN	NR054005	R3	CY28517ZXC	150C	-65C	1000	45	0
ZZ6421GAGL	M-PHIL	NR064005	R1	7C885052DC-MZZC	150C	-65C	500	49	0
ZZ6421GAGL	M-PHIL	NR064005	R1	7C885052DC-MZZC	150C	-65C	1000	48	0
ZZ6421GAGL	M-PHIL	NR064005	R2	7C885052DC-MZZC	150C	-65C	300	50	0
ZZ6421GAGL	M-PHIL	NR064005	R2	7C885052DC-MZZC	150C	-65C	500	50	0
ZZ6421GAGL	M-PHIL	NR064005	R2	7C885052DC-MZZC	150C	-65C	1000	50	0
ZZ6421GAGL	M-PHIL	NR064005	R3	7C885052DC-MZZC	150C	-65C	300	50	0
ZZ6421GAGL	M-PHIL	NR064005	R3	7C885052DC-MZZC	150C	-65C	500	50	0
ZZ6421GAGL	M-PHIL	NR064005	R3	7C885052DC-MZZC	150C	-65C	1000	50	0

Summary for Package Family : TSSOP (Pb-free) (80 records)

Sum 3882      0

Summary Detail -- HTS Performance Over Time

From: 4/2/2006  
To: 4/2/2007

Bidkit	Assy Site	EvalNum	TV	Device	Temp	Readout	SS	Rejects	FA	Results
<b>CLCC</b>										
84L CLCC	X-THAILAND	70308	R1	CY115SM1300AB-QDC	150	500	15	0		
84L CLCC	X-THAILAND	70308	R1	CY115SM1300AB-QDC	150	1000	15	0		
84L CLCC	Y-GERMNY	70602	R1	CYII5SM1300AA-QDC	150	125	22	0		
84L CLCC	Y-GERMNY	70602	R1	CYII5SM1300AA-QDC	150	250	22	0		
84L CLCC	Y-GERMNY	70602	R1	CYII5SM1300AA-QDC	150	500	22	0		
84L CLCC	Y-GERMNY	70602	R1	CYII5SM1300AA-QDC	150	1000	22	0		
84L CLCC	Y-GERMNY	70602	R2	CYII5SM1300AA-QDC	150	125	22	0		
84L CLCC	Y-GERMNY	70602	R2	CYII5SM1300AA-QDC	150	250	22	0		
84L CLCC	Y-GERMNY	70602	R2	CYII5SM1300AA-QDC	150	500	22	0		
84L CLCC	Y-GERMNY	70602	R2	CYII5SM1300AA-QDC	150	1000	22	0		
84L CLCC	Y-GERMNY	50307	R1	CYII5SM1300AA-QDC	150	125	22	0		
84L CLCC	Y-GERMNY	50307	R1	CYII5SM1300AA-QDC	150	250	22	0		
84L CLCC	Y-GERMNY	50307	R2	CYII5SM1300AA-QDC	150	125	22	0		
84L CLCC	Y-GERMNY	50307	R2	CYII5SM1300AA-QDC	150	250	22	0		
<b>Summary for Package Family : CLCC (14 records)</b>								<b>294</b>	<b>0</b>	
<b>Sum</b>										
<b>FBGA (0.75-0.8)</b>										
BF144AAALE	SP-TAIWAN	61703	R2	CAAIC20500-2	150	500	50	0		
BF144AAALE	SP-TAIWAN	61703	R2	CAAIC20500-2	150	1000	49	0		
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	150	500	50	0		
BA48ADALN	G-TAIWAN	MR062018	R1	CY62127DV30LL	150	1000	50	0		
BA48BQAAL	RA-CML	MR061059	R1	CY62137CVSL-70BAI	150	1000	50	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	150	500	50	0		
BA48BQAAL	RA-CML	MR062038	R1	CY62137CVSL-70BAI	150	1000	50	0		
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	150	500	50	0		
BA48BVALE	G-TAIWAN	MR063020	R1	CY62137CV30LL-70BAI	150	1000	50	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	150	500	50	0		
BA48BWALE	G-TAIWAN	MR062028	R1	CY7C1021CV33-12BAI	150	1000	50	0		
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	150	500	50	0		
BA48CDGALE	G-TAIWAN	MR061060	R1	CY7C1041CV33-10BAI	150	1000	50	0		
BA48CDGALE	G-TAIWAN	MR064063	R1	CY7C1041CV33-10BAC	150	500	50	0		
BA48CDGALE	G-TAIWAN	MR064063	R1	CY7C1041CV33-10BAC	150	1000	50	0		
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	150	500	50	0		
BA48CRALE	T-TAIWAN	MR062003	R1	CY62137CVSL-70BAI	150	1000	50	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	150	500	50	0		
BA48CRALE	T-TAIWAN	MR063029	R1	CY62137CVSL-70BAIT	150	1000	49	0		
BA48CRALE	T-TAIWAN	MR064017	R1	CY62137CVSL-70BAIT	150	500	50	0		
BA48CRALE	T-TAIWAN	MR064017	R1	CY62137CVSL-70BAIT	150	1000	50	0		
BA48CRALE	T-TAIWAN	MR071052	R1	CY62137CVSL-70BAI	150	500	80	0		
BA48CRALE	T-TAIWAN	MR071052	R1	CY62137CVSL-70BAI	150	1000	80	0		
BA48CRALE	T-TAIWAN	MR071053	R1	CY62137CVSL-70BAI	150	500	75	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	150	500	45	0		
BA48DDALE	RA-CML	MR063069	R1	CYK512K16SCCAU-70BAI	150	1000	45	0		
<b>Summary for Package Family : FBGA (0.75-0.8) (26 records)</b>								<b>1373</b>	<b>0</b>	
<b>Sum</b>										
<b>FBGA (0.75-0.8, Pb-free)</b>										
BK48BQALL	RA-CML	MR071046	R1	CY62137CVSL-70BAXI	150	500	80	0		
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	150	500	50	0		
BK48BWALL	G-TAIWAN	MR063106	R1	CY7C1021CV33-10BAXI	150	1000	50	0		
BK48CDALL	G-TAIWAN	MR064057	R1	CY7C1041CV33-10BAXI	150	500	50	0		
BK48CDALL	G-TAIWAN	MR064057	R1	CY7C1041CV33-10BAXI	150	1000	50	0		
<b>Summary for Package Family : FBGA (0.78-0.8, Pb-free) (5 records)</b>								<b>280</b>	<b>0</b>	
<b>Sum</b>										
<b>FBGA (1.0)</b>										

BB165ALLE	G-TAIWAN	MR071042	R1	CY7C1313BV18-250BZC	150	500	80	0
BB165WALE	RA-CML	55103	R1	CY7C1313AVIB	150	1000	45	0
BB165WALE	RA-CML	55103	R1	CY7C1313AVIB	150	1500	45	0
BB165WALE	RA-CML	62504	R1	CY7C1313AVIB	150	1000	45	0
BB165WALE	RA-CML	63101	R1	CY7C1313AVIB	150	1000	45	0
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	150	500	50	0
BB172AAGE	G-TAIWAN	MR062002	R1	CY7C09569V-100BBC	150	1000	50	0
BB256IAGE	G-TAIWAN	52303	1	7C76046AC-GBBC	150	1000	47	0

Summary for Package Family : FBGA (1.0) (8 records)

Sum 407 0

FBGA (1.0, Pb-free)

BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	150	500	50	0
BW100CAGL	G-TAIWAN	MR063122	R1	CY7B994V-2BBXC	150	1000	50	0
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	150	500	50	0
BW100EAGL	G-TAIWAN	MR064012	R1	CYV15G0101DXB-BBXC	150	1000	50	0

Summary for Package Family :FBGA (1.0, Pb-free) (4 records)

Sum 200 0

VFBGA (0.75-0.8, 0.3mm)

BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	150	500	50	0
BV48ASALE	RA-CML	MR061056	R1	CY62147DV30LL-70BVI	150	1000	50	0
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	150	500	50	0
BV48ASALE	RA-CML	MR062039	R1	CY62147DV18LL-70BVI	150	1000	49	0
BV48ATALE	RA-CML	MR064069	R1	CY62157DV30LL-55BVI	150	500	50	0
BV48ATALE	RA-CML	MR064069	R1	CY62157DV30LL-55BVI	150	1000	50	0
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	150	500	50	0
BV48BAALE	G-TAIWAN	MR063019	R1	CY63157DC-GBVI	150	1000	50	0
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	150	500	49	0
BV48BAALE	G-TAIWAN	MR064034	R1	CY62157DV30LL-70BVI	150	1000	49	0
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	150	500	50	0
BV48BEALE	G-TAIWAN	MR062024	R1	CS6527AA	150	1000	50	0
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	150	500	50	0
BV48BLCLE	GK-GAPT	MR063084	R1	CYK128K16MCCBU-70BVI	150	1000	50	0
BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	150	500	50	0
BV48BNALE	G-TAIWAN	63901	R1	CY62167DV30LL	150	1000	50	0
BV48RAALE	G-TAIWAN	MR061042	R1	CY7C1011CV33-10BVI	150	1000	49	0

Summary for Package Family : VFBGA (0.75-0.8, 0.3mm) (17 records)

Sum 846 0

VFBGA (0.75-0.8, 0.3mm, Pb-free)

BZ48ATALL	RA-CML	MR071040	R1	CY62157DV30LL-70BVXI	150	500	79	0
BZ48AZALL	G-TAIWAN	MR061039	R1	CYU00M160DAU-70BVXI	150	500	49	0
BZ48AZALL	G-TAIWAN	MR061039	R1	CYU00M160DAU-70BVXI	150	1000	49	0
BZ48BAGMHL	T-TAIWAN	70306	R3	CYK128K16MCCBU-70BVXI	150	500	45	0
BZ48BAGMHL	T-TAIWAN	70306	R3	CYK128K16MCCBU-70BVXI	150	1000	44	0
BZ48BKALE	RA-CML	MR064079	R1	CYK256K16MCCBU-70BVXI	150	500	50	0
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCCBU	150	500	50	0
BZ48BLBLL	G-TAIWAN	MR063086	R1	CYK256K16MCCBU	150	1000	50	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	150	500	48	0
BZ48BTALN	RA-CML	MR063090	R1	CY62147EV18LL-45BVXIT	150	1000	47	0
BZ56AGAGL	G-TAIWAN	MR064027	R1	CY7C68013A-56BAXC	150	500	50	0
BZ56AGAGL	G-TAIWAN	MR064027	R1	CY7C68013A-56BAXC	150	1000	50	0
BZ56AVAAAL	AIT-INDNS	63803	R1	CY7C68013A-56BAXC	150	500	45	0
BZ56AVAAAL	AIT-INDNS	63803	R1	CY7C68013A-56BAXC	150	1000	44	0
BZ56AVAAAL	AT-INDNS	65103	R4	CY7C68013A-56BAXC	150	500	45	0
BZ56AVAAAL	AT-INDNS	65103	R4	CY7C68013A-56BAXC	150	1000	44	0
BZ56AVAAAL	A-Indonesia	71202	R4	CY7C68013A-56BAXC	150	500	45	0
BZ56AVAAAL	A-Indonesia	71207	R4	CY7C68013A-56BAXC	150	500	45	0
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	150	500	50	0
BZ56FAALE	G-TAIWAN	MR064025	R1	CY7C68053-56BAXIES	150	1000	49	0

Summary for Package Family : VFBGA (0.75-0.8, 0.3mm, Pb-free) (20 records)

Sum 978 0

L2BGA (Pb-free)

Summary for Package Family : L2BGA (Pb-free) (0 record)

Sum								
PGA								
PGA42	GERMANY	50708	R1	CYIHDEC9000AA	150	1000	22	0

Summary for Package Family : PGA (1 record)

Sum								
							22	0

LCC (Pb-free)

Summary for Package Family : LCC (Pb-free) (0 record)

Sum								
LCC (Windowed Plastic)								
QY48AAALL	IP-TAIWAN	60702	R1	CAIMG20400-2	150	1000	45	0
QY48AAALL	IP-TAIWAN	60702	R2	CAIMG20400-2	150	1000	45	0
QY48AAALL	IP-TAIWAN	60702	R3	CAIMG20400-2	150	1000	44	0
QY48AAALL	IP-TAIWAN	60702	R4	CAIMG20400-2	150	1000	45	0

Summary for Package Family : LCC (Windowed Plastic) (4 records)

Sum								
							179	0

PBGA (1.27)

BG119JALE	G-TAIWAN	MR061045	R1	CY7C1062AV33-12BGI	150	1000	50	0
BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	150	500	50	0
BG119JALE	G-TAIWAN	MR062063	R1	CY7C1012AV33-BBGC	150	1000	50	0
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	150	500	50	0
BG119NALE	G-TAIWAN	MR063018	R1	CY7C1354B-166BGC	150	1000	50	0
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	150	500	50	0
BG119SALE	G-TAIWAN	MR064046	R1	CY7C1354CV25-166BGC	150	1000	50	0

Summary for Package Family : PBGA (1.27) (7 records)

Sum								
							350	0

PBGA (Cavity/Heatsink)

BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	150	500	50	0
BL256L2GE	G-TAIWAN	MR062099	R1	CS6614AM	150	1000	50	0
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	150	500	50	0
BL256L2GE	G-TAIWAN	MR063117	R1	CYP15G0401DXB-BGC	150	1000	50	0

Summary for Package Family : PBGA (Cavity/Heatsink) (4 records)

Sum								
							200	0

PBGA (Pb-free)

BY484SAGL	G-TAIWAN	62503	1	7C08352AC-GBYC	150	500	45	0
BY484SAGL	G-TAIWAN	62503	1	7C08352AC-GBYC	150	1000	45	0

Summary for Package Family : PBGA (Pb-free) (2 records)

Sum								
							90	0

PDIP

P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	150	500	50	0
P2831GBGB	O-INDNS	MR064073	R1	CY7C425-10PC	150	1000	50	0
P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	150	500	50	0
P2839GAAGB	X-THAILAND	MR064054	R1	CY7C185-25PC	150	1000	49	0
P2839GAAGB	X-THAILAND	MR071039	R1	CY7C185-25PC	150	500	80	0
P2839GAAGB	X-THAILAND	MR071039	R1	CY7C185-25PC	150	1000	80	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	150	500	50	0
P2839GAGB	X-THAILAND	MR063118	R1	CY7C185-25PC	150	1000	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	150	500	50	0
P283DGAKE	M-PHIL	MR063009	R1	CY7C344B-15PC	150	1000	50	0
P4865GAGE	G-TAIWAN	MR061057	R1	CY7C130-55PC	150	1000	50	0
P4865GAGE	X-THAILAND	MR062010	R1	CY7C130-55PC	150	500	50	0
P4865GAGE	X-THAILAND	MR062010	R1	CY7C130-55PC	150	1000	50	0

Summary for Package Family : PDIP (13 records)

Sum								
							709	0

PDIP (Pb-free)

PZ163AGGN	X-THAILAND	MR061035	R1	CY7C63801-PXC	150	1000	50	0
PZ163AGGN	X-THAILAND	MR061035	R1	CY7C63801-PXC	150	1000	50	0
PZ163AGGN	X-THAILAND	MR062012	R1	CY7C63801-PXC	150	500	50	0
PZ163AGGN	X-THAILAND	MR062012	R1	CY7C63801-PXC	150	1000	50	0
PZ183AXGN	O-INDNS	MR063022	R1	CY7C63813-PXC	150	500	45	0
PZ183AXGN	O-INDNS	MR063022	R1	CY7C63813-PXC	150	1000	45	0

PZ183AXGN	O-INDNS	MR071003	R1	CY7C63723C-PXC	150	500	77	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	150	500	46	0
PZ183BXGL	RA-CML	62102	R1	CY7C148-45PXC	150	1000	46	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	150	500	50	0
PZ183BXGL	RA-CML	MR063051	R1	CY7C63723-PXC	150	1000	50	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	150	500	50	0
PZ183BXGL	RA-CML	NR063002	R1	7C63720-RAPZC	150	1000	50	0
PZ183DAGN	RA-CML	MR071044	R1	CY7C63723C-PXC	150	500	80	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	150	500	45	0
PZ2434XGN	O-INDNS	MR062058	R1	CY7C63743-PXC	150	1000	45	0
PZ243DAXGS	O-INDNS	MR064001	R1	CY7C63743C-PXC	150	1000	45	0

Summary for Package Family : PDIP (Pb-free) (17 records)

Sum 874 0

85 PGA	X-THAILAND	70310	R1	TF4000EPAX	150	500	15	0
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Summary for Package Family : PGA (1 record)

Sum 15 0

J32RBGAAGB	X-THAILAND	MR064023	R1	CY7B991-5JI	150	500	50	0
J32RBGAAGB	X-THAILAND	MR064023	R1	CY7B991-5JI	150	1000	50	0
J32RBGAAGB	X-THAILAND	MR062098	R1	CY7B992-2JC	150	500	50	0
J32RBGAAGB	X-THAILAND	MR062098	R1	CY7B992-2JC	150	1000	50	0
J32RBGAAGB	M-PHIL	MR063076	R1	CY7B991-2JC	150	500	50	0
J32RBGAAGB	M-PHIL	MR063076	R1	CY7B991-2JC	150	1000	50	0
J32RBGAAGB	X-THAILAND	MR063105	R1	CY7B991-2JC	150	500	50	0
J32RBGAAGB	X-THAILAND	MR063105	R1	CY7B991-2JC	150	1000	50	0
J32RBGAAGB	M-PHIL	MR071007	R1	CY7B991-5JC	150	500	80	0
J32RBGAAGB	M-PHIL	MR071007	R1	CY7B991-5JC	150	1000	80	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	150	500	50	0
J32RFGAGB	M-PHIL	MR062097	R1	CY7C462A-25JC	150	1000	50	0

Summary for Package Family : PLCC (12 records)

Sum 660 0

JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	150	500	50	0
JZ32RBGAN	M-PHIL	MR063091	R1	CY7C4221AT-MJZC	150	1000	50	0
JZ32RBGAN	M-PHIL	MR063127	R1	CY7B991-5JXC	150	500	50	0
JZ32RBGAN	M-PHIL	MR063127	R1	CY7B991-5JXC	150	1000	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	150	500	50	0
JZ32RBGAN	M-PHIL	MR064043	R1	CY7B991-5JXC	150	1000	50	0
JZ32RBGAN	M-Philis	MR071067	R1	CY7C4231-15JXC	150	500	80	0
JZ52SFGAN	M-PHIL	MR061061	R1	CYC131-25JXC	150	1000	50	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	150	500	50	0
JZ52SFGAN	M-PHIL	MR062017	R1	CY7C136-25JXC	150	1000	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	150	500	50	0
JZ52SFGAN	M-PHIL	MR064033	R1	CY7C136-55JXC	150	1000	50	0

Summary for Package Family : PLCC (12 records)

Sum 630 0

N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	150	500	50	0
N52DXGAGB	G-TAIWAN	MR063007	R1	CY7C136-55NC	150	1000	50	0

Summary for Package Family : PQFP (2 records)

Sum 100 0

NZ52DXGAN	G-TAIWAN	MR061062	R1	CY7C136-55NXC	150	1000	47	0
NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	150	500	50	0
NZ52DXGAN	G-TAIWAN	MR062067	R1	CY7C136-55NXC	150	1000	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	150	500	50	0
NZ52DXGAN	G-TAIWAN	MR063111	R1	CY7C136-25NXC	150	1000	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	150	500	50	0
NZ52DXGAN	G-TAIWAN	MR064048	R1	CY7C136-25NXC	150	1000	50	0

Summary for Package Family : PQFP (Pb-free) (7 records)

**Sum** **347** **0**

**QFN (COL, Pb-free)**

LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	150	500	50	0
LG16AA	M-PHIL	63602	R1	CY8C20234-12LKXI	150	1000	50	0

**Summary for Package Family : QFN (COL, Pb-free) (2 records)**

**Sum** **100** **0**

**QFN (Punch Type)**

LF56AGAGE	L-SEOUL	MR062007	R1	CY7C68001EC-56LFC	150	500	50	0
LF56AGAGE	L-SEOUL	MR062007	R1	CY7C68001EC-56LFC	150	1000	50	0

**Summary for Package Family : QFN (Punch Type) (2 records)**

**Sum** **100** **0**

**QFN (Punch Type, Pb-free)**

LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	150	500	50	0
LY56AGAGL	L-SEOUL	MR062031	R1	CY7C65640A-LFXC	150	1000	50	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	150	500	50	0
LY56DGAGL	L-SEOUL	MR063036	R1	CY7C68014A-56LFXC	150	1000	50	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	150	500	50	0
LY56DGAGL	L-SEOUL	MR064006	R1	CY8C24794-24LFXI	150	1000	50	0
LY68AGAAGL	L-SEOUL	NR064004	R1	8C24995AK-LLYI	150	1000	49	0
LY68AGAAGL	L-SEOUL	NR064004	R2	CY8C24994-24LFXIT	150	500	50	0
LY68AGAAGL	L-SEOUL	NR064004	R2	CY8C24994-24LFXIT	150	1000	50	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	150	500	50	0
LY72AGAGL	L-SEOUL	MR063074	R1	CY28447LFXC	150	1000	50	0
LY72AGAGL	L-SEOUL	NR061002	R2	CY28447LFXC	150	1000	50	0
LY72AGAGL	L-SEOUL	NR061002	R3	CY28447LFXC	150	500	45	0
LK32AAAAGL	L-SEOUL	70305	R1	CY8C21434-24LKXI	150	500	50	0
LK32AAAAGL	L-SEOUL	70305	R1	CY8C21434-24LKXI	150	1000	49	0
LK32HGAGL	RA-CML	61701	R1	CY8C21434-24LXI	150	1000	50	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	150	500	50	0
LK32IGAGL	RA-CML	MR063010	R1	CY8C21434-24-LKXI	150	1000	50	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	150	500	46	0
LK32IGAGL	RA-CML	NR063001	R1	CY8C21434-24LKXI	150	1000	46	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	150	500	39	0
LK32IGAGL	RA-CML	NR063001	R2	CY8C21434-24LKXI	150	1000	39	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	150	500	50	0
LK32IGAGL	RA-CML	NR063001	R3	CY8C21434-24LKXI	150	1000	47	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	150	500	50	0
LK32IGAGL	RA-CML	NR063003	R1	CY8C21434-24LKXI	150	1000	48	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	150	500	50	0
LK32IGAGL	RA-CML	NR063003	R2	CY8C21434-24LKXI	150	1000	48	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	150	500	50	0
LK32IGAGL	RA-CML	NR063003	R3	CY8C21434-24LKXI	150	1000	50	0

**Summary for Package Family : QFN (Punch Type, Pb-free) (30 records)**

**Sum** **1456** **0**

**QFN (Saw Type, Pb-free)**

**Summary for Package Family : QFN (Saw Type, Pb-free) (0 record)**

**Sum** **0** **0**

**QSOP (Pb-free)**

SQ2414AGN	R-CML	MR054062	R1	CY7C63101A-QXC	150	1000	50	0
SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	150	500	50	0
SQ2414AGN	R-CML	MR061071	R1	CY7C63101A-QXC	150	1000	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	150	500	50	0
SQ2414AGN	R-CML	MR062008	R1	CY7C637433-QXC	150	1000	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	150	500	50	0
SQ2414AGN	R-CML	MR063049	R1	CY7C63101A-QXC	150	1000	50	0
SQ2414AGN	R-CML	MR064015	R1	CY7C63823-QXC	150	500	47	0
SQ2414AGN	R-CML	MR064015	R1	CY7C63823-QXC	150	1000	47	0

**Summary for Package Family : QSOP (Pb-free) (9 records)**

**Sum** **444** **0**

<b>SNC</b>								
SN2831AHB	R-CML	MR062025	R1	CS5756AT	150	1000	50	0



SN2831AHN	R-CML	MR063089	R1	CY62256VNULL-70SNC	150	500	50	0
SN2831AHN	R-CML	MR063089	R1	CY62256VNULL-70SNC	150	1000	50	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	150	500	50	0
SN2831AHN	R-CML	MR064056	R1	CY6264-70SNI	150	1000	50	0

Summary for Package Family : SNC (5 records)

Sum 250 0

SNC (Pb-free)

SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	150	500	50	0
SY2831AHN	R-CML	MR062047	R1	CY62256LL-70SNXI	150	1000	50	0
SY2831AHN	R-CML	MR063046	R1	CY62256LLL-55SXN	150	1000	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	150	500	50	0
SY2831AHN	R-CML	MR064042	R1	CY6264-70SNXI	150	1000	50	0

Summary for Package Family : SNC (Pb-free) (5 records)

Sum 250 0

SOIC

S0815BAAGB	T-TAIWAN	MR071034	R1	7C807200AT	150	500	77	0
S0815BAGB	O-INDNS	MR063023	R1	CY241V08ASC-01	150	500	45	0
S0815BAGB	O-INDNS	MR063023	R1	CY241V08ASC-01	150	1000	45	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	150	500	45	0
S0815BAGB	O-INDNS	MR064002	R1	CY2304SC-1T	150	1000	45	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	150	500	50	0
S0815DAGB	M-PHIL	MR063033	R1	CY2305SI-1H	150	1000	50	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	150	500	50	0
S0815DAGB	M-PHIL	MR064060	R1	CY2907SL-220	150	1000	50	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	150	500	50	0
S0815PAGN	RA-CML	MR062071	R1	CY2071ASL-642	150	1000	50	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	150	500	50	0
S0815PAGN	R-CML	MR063028	R1	CY271ASL-653T	150	1000	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	150	500	50	0
S1615KAGN	R-CML	MR062016	R1	CY2292SL-1J4	150	1000	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	150	500	50	0
S1615KAGN	RA-CML	MR063035	R1	CY2308SC-1	150	1000	50	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	150	500	50	0
S1615KAGN	RA-CML	MR064055	R1	CY2292SL-1K2	150	1000	50	0
S1615KAGN	RA-CML	MR071055	R1	CY2309SC-1H	150	500	80	0
S1615KAGN	RA-CML	MR071055	R1	CY2309SC-1H	150	1000	80	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	150	500	50	0
S183AGAGB	M-PHIL	MR062070	R1	CY7C63723-SC	150	1000	50	0
S324513GB	R-CML	MR061065	R1	CS5761AT	150	1000	50	0
S324513GB	R-CML	MR062004	R1	CS5761AT	150	1000	50	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	150	500	50	0
S324513GN	R-CML	MR062022	R1	CY62128DV30LL-70SI	150	1000	50	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	150	500	50	0
S324513GN	R-CML	MR063054	R1	CY62128BLL-70SI	150	1000	50	0

Summary for Package Family : SOIC (29 records)

Sum 1517 0

SOIC (Pb-free)

SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	150	500	50	0
SZ0815DGN	M-PHIL	53301	2	7C850003BC-MSZC	150	1000	50	0
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	150	500	50	0
SZ1615FAL	T-TAIWAN	MR062060	R1	CY23EP09SXC-1H	150	1000	50	0
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	150	500	50	0
SZ1615KGN	RA-CML	MR062005	R1	CY2309NZSXI-1HT	150	1000	50	0
SZ1615KGN	RA-CML	MR071056	R1	CY2309SXI-1H	150	500	80	0
SZ1615KGN	CML-RA	MR071056	R1	CY2309SXI-1H	150	1000	80	0
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	150	500	50	0
SZ1813AGAN	M-PHIL	MR062011	R1	CY7C63723-SXC	150	1000	50	0
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	150	500	50	0
SZ183AGAN	M-PHIL	MR063052	R1	CY7C63723-SXC	150	1000	50	0
SZ183AGAN	M-ANAM	MR064051	R1	CY7C63813-SXC	150	500	50	0
SZ183AGAN	M-ANAM	MR064051	R1	CY7C63813-SXC	150	1000	50	0

SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	150	500	50	0
SZ183CGAN	RA-CML	MR062072	R1	CY7C63231A-SXC	150	1000	50	0
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	150	500	50	0
SZ183CGAN	RA-CML	MR063050	R1	CY7C63723-SXC	150	1000	50	0
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	150	500	50	0
SZ183CGAN	RA-CML	MR064009	R1	CY7C63723-SXC	150	1000	50	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	150	500	50	0
SZ183DAAR	OP-PHIL	NR061008	R1	CG6608AA	150	1000	50	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	150	500	50	0
SZ183DAAR	OP-PHIL	NR061008	R2	CG6608AA	150	1000	50	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	150	500	50	0
SZ183DAAR	OP-PHIL	NR061008	R3	CG6608AA	150	1000	50	0
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	150	500	50	0
SZ2032GAN	R-CML	MR063012	R1	CY7C63001A-SXC	150	1000	50	0
SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	150	500	50	0
SZ2035GAL	R-CML	MR064053	R1	CY8C24223A-24SXI	150	1000	50	0
SZ28327GL	R-CML	MR063039	R1	CY8C27443-24SXI	150	500	75	0
SZ28327GL	R-CML	MR063039	R1	CY8C27443-24SXI	150	1000	75	0
SZ324513N	R-CML	MR064074	R1	CY7C53120E4-40SXI	150	500	50	0
SZ324513N	R-CML	MR064074	R1	CY7C53120E4-40SXI	150	1000	50	0
SZ324514LL	R-CML	MR064021	R1	CY62148DV30LL-70SXI	150	500	50	0
SZ324514LL	R-CML	MR064021	R1	CY62148DV30LL-70SXI	150	1000	50	0
SZ815DAGN	M-PHIL	MR071023	R1	CY2305SXC-1HT	150	500	80	0
SZ815DAGN	M-PHIL	MR071023	R1	CY2305SXC-1HT	150	1000	80	0
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	150	500	50	0
SZ815PAGN	RA-CML	MR063011	R1	CY2305SXC-1H	150	1000	50	0

Summary for Package Family : SOIC (Pb-free) (40 records)

Sum 2170 0

SSOP

O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	150	500	49	0
O2024GAGE	M-PHIL	MR063107	R1	CY2DP3140I	150	1000	49	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	150	500	50	0
O2824GAGB	T-TAIWAN	MR062013	R1	CY284000C	150	1000	50	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	150	500	50	0
O2824GAGB	T-TAIWAN	MR063025	R1	CY284000C	150	1000	50	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	150	500	50	0
O2824GAGB	T-TAIWAN	MR064013	R1	CY284000C	150	1000	50	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	150	500	50	0
O563AXAGN	R-CML	MR063026	R1	CY284190C	150	1000	49	0
O563AXAGN	R-CML	MR064045	R1	CY284190C	150	500	50	0
O563AXAGN	R-CML	MR064045	R1	CY284190C	150	1000	50	0
O563AXAGN	R-CML	MR071027	R1	CY284190C	150	500	80	0
O563AXAGN	R-CML	MR071027	R1	CY284190C	150	1000	80	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	150	500	50	0
O56AXAGN	R-CML	MR062014	R1	CY283410C-3	150	1000	50	0

Summary for Package Family : SSOP (16 records)

Sum 857 0

SSOP (Pb-free)

SP2023GAL	T-TAIWAN	MR054047	R1	CY8C24223A-24PVXI	150	1000	76	0
SP2023GAL	T-TAIWAN	MR062035	R1	CY8C26233-24PVXI	150	500	76	0
SP2023GAL	T-TAIWAN	MR062035	R1	CY8C26233-24PVXI	150	1000	76	0
SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	150	500	50	0
SP2023GAL	T-TAIWAN	MR063060	R1	CY8C26233-24PVXIT	150	1000	50	0
SP2026YAN	T-TAIWAN	MR071006	R1	CY8C21334-24PVXI	150	500	80	0
SP2814GAL	T-TAIWAN	MR061015	R1	CY8C27443-24PVXI	150	500	76	0
SP2814GAL	T-TAIWAN	MR061015	R1	CY8C27443-24PVXI	150	1000	76	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	150	500	50	0
SP2814HAL	M-PHIL	MR064068	R1	CS6250AM	150	1000	50	0
SP28214GL	T-TAIWAN	MR054075	R1	CY8C24423A-24PVXI	150	1000	76	0
SP28214GL	T-TAIWAN	MR062033	R1	CY7C64215-28PVXC	150	500	76	0
SP28214GL	T-TAIWAN	MR062033	R1	CY7C64215-28PVXC	150	1000	76	0

SP28214GL	T-TAIWAN	MR062034	R1	CY8C26443-24PVXI	150	500	76	0
SP28214GL	T-TAIWAN	MR062034	R1	CY8C26443-24PVXI	150	1000	76	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	150	500	50	0
SP28214GL	T-TAIWAN	MR062059	R1	CY8C24423A-24PVXI	150	1000	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	150	500	50	0
SP28214GL	T-TAIWAN	MR064005	R1	CY8C24423A-24PVXI	150	1000	50	0
SP2821AGB	M-PHIL	60208	R1	CY8C20334-PVXI	150	500	80	0
SP2821AGB	M-PHIL	60208	R1	CY8C20334-PVXI	150	1000	80	0
SP2822BGL	M-PHIL	54603	R1	CY8C29466-12PVXE	150	1000	80	0
SP48AAAAGR	M-PHIL	71101	1	CY14B101L-SP45XC	150	500	10	0
SP48AAAAGR	M-PHIL	71101	1	CY14B101L-SP45XC	150	1000	10	0
SP48AAAAGR	M-PHIL	71101	2	CY14B101L-SP25XC	150	500	25	0
SP48AAAAGR	M-PHIL	71101	2	CY14B101L-SP25XC	150	1000	25	0
SP48AAAAGR	M-PHIL	71101	3	CY14B101L-SP45XC	150	500	10	0
SP48AAAAGR	M-PHIL	71101	3	CY14B101L-SP45XC	150	1000	10	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	150	500	50	0
SP563AAGN	R-CML	MR062030	R1	CY284100XC	150	1000	49	0
SP563AAGN	R-CML	MR064026	R1	CY284100XC	150	500	50	0
SP563AAGN	R-CML	MR064026	R1	CY284100XC	150	1000	50	0
SP563AAGN	R-CML	MR071041	R1	CY28409OXC	150	500	80	0
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	150	500	49	0
SP563BAGL	R-CML	MR063075	R1	CY7C68001-56PVXC	150	1000	49	0

Summary for Package Family : SSOP (Pb-free) (35 records)

Sum 1947 0

SOIC (J-Lead)

V243GGBLE	O-INDNS	MR061083	R1	CY7C197B-15VC	150	1000	45	0
V243GGBLE	OMEDATA	MR064020	R1	CY7C194B-15VC	150	500	45	0
V243GGBLE	OMEDATA	MR064020	R1	CY7C194B-15VC	150	1000	45	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	150	500	50	0
V2835GAHN	R-CML	MR063047	R1	CY7C199-15VC	150	1000	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	150	500	50	0
V2835GALN	R-CML	MR064011	R1	CY7C185-20VC	150	1000	49	0
V2835GALN	R-CML	MR071001	R1	CY7C185-25VC	150	500	80	0
V2835GALN	R-CML	MR071001	R1	CY7C185-25VC	150	1000	80	0
V284CGAGGB	O-INDNS	MR071033	R1	CY7C106BN-15VC	150	500	77	0
V32421GLN	R-CML	MR071050	R1	CY7C1019CV33-12VI	150	500	80	0
V32421GLN	R-CML	MR071050	R1	CY7C1019CV33-12VI	150	1000	80	0
V32421XLN	CML-R	MR064003	R1	CY7C1019CV33-12VC	150	500	50	0
V32421XLN	CML-R	MR064003	R1	CY7C1019CV33-12VC	150	1000	49	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	150	500	49	0
V444ZGALL	R-CML	MR062026	R1	CY7C1021CV33-12VC	150	1000	47	0

Summary for Package Family : SOIC (J-Lead) (16 records)

Sum 926 0

SOIC (J-Lead, Pb-Free)

VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	150	500	45	0
VZ2439AGS	O-INDNS	MR062061	R1	CY7C187-25VXC	150	1000	45	0
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	150	500	50	0
VZ2439AGS	O-INDNS	MR063044	R1	CY7C187/25VXC	150	1000	50	0
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	150	500	50	0
VZ2439AGS	O-INDNS	MR064067	R1	CY7C187-25VXC	150	1000	50	0
VZ28311GL	R-CML	NR061004	R1	CY7C199C-15VXC	150	1000	50	0
VZ28311GL	R-CML	NR061004	R2	CY7C199C-15VXI	150	1000	50	0
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	150	500	50	0
VZ28311LL	R-CML	MR063045	R1	CY7C199C-20VXC	150	1000	50	0
VZ28320ALR	O-INDNS	70309	R1	CY7C192-15VXCT	150	500	45	0
VZ28320ALR	O-INDNS	70309	R1	CY7C192-15VXCT	150	1000	45	0
VZ2843AGN	O-INDNS	63506	R1	CY7C106	150	500	50	0
VZ2843AGN	O-INDNS	63506	R1	CY7C106	150	1000	50	0
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	150	500	50	0
VZ32311ALL	R-CML	NR061004	R3	CY7C1009B-15VXC	150	1000	50	0
VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	150	500	50	0

VZ32421LN	R-CML	MR063068	R1	CY7C1019CV33-15VXC	150	1000	50	0
VZ3644GALL	R-CML	MR064066	R1	CY7C1049B-15VXI	150	500	50	0
VZ3644GALL	R-CML	MR064066	R1	CY7C1049B-15VXI	150	1000	50	0
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	150	500	44	0
VZ444YALL	R-CML	MR062001	R1	CY7C1041CV33-12VXC	150	1000	44	0
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	150	500	50	0
VZ444ZALL	R-CML	MR063032	R1	CY7C1021CV33-15VXC	150	1000	50	0
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	150	500	50	0
VZ444ZALL	R-CML	MR064052	R1	CY7C1021CV33-8VXC	150	1000	49	0
VZ444ZALL	R-CML	MR071024	R1	CY7C1021CV33-10VXC	150	500	80	0
VZ444ZALL	R-CML	MR071024	R1	CY7C1021CV33-10VXC	150	1000	80	0

Summary for Package Family : SOIC (J-Lead, Pb-free) (28 records)

Sum 1427 0

TQFP

A100	L-SEOUL	54904	1	7CL8Q01AC	150	500	50	0
A100	L-SEOUL	54904	1	7CL8Q01AC	150	1000	50	0
A100	R-CML	62205	R1	S8AUP	150	500	54	0
A100	R-CML	62205	R1	S8AUP	150	1000	54	0
A100	R-CML	62205	R2	S8AUP	150	500	98	0
A100	R-CML	62205	R2	S8AUP	150	1000	98	0
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	150	500	37	0
A100AGAGE	G-TAIWAN	MR063092	R1	CY7C028V-20AC	150	1000	37	0
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	150	500	50	0
A100RIALL	R-CML	MR062021	R1	CY7C1356BV25-166AC	150	1000	50	0
A100RKGAN	R-CML	MR061043	R1	CY7C1325F-133AC	150	1000	45	0
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	150	500	50	0
A32BXGAN	L-SEOUL	MR063034	R1	CY7C4241AT-QACB	150	1000	50	0
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	150	500	50	0
A52ASGAGE	Q-KOREA	MR062082	R1	CY7B9973V-AC	150	1000	50	0
A52ASGAGE	Q-KOREA	MR064081	R1	CY7B9945V-5AC	150	500	49	0
A52ASGAGE	Q-KOREA	MR064081	R1	CY7B9945V-5AC	150	1000	49	0

Summary for Package Family : TQFP (17 records)

Sum 921 0

TQFP (10 X 10)

AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	150	500	50	0
AS64BGAGB	G-TAIWAN	MR062080	R1	CY7C1012AV33-BBGC	150	1000	50	0

Summary for Package Family : TQFP (10 X 10) (2 records)

Sum 100 0

TQFP (Pb-free)

AZ100RCGN	G-TAIWAN	MR063087	R1	CY7C64713-100AXC	150	500	50	0
AZ100RCGN	G-TAIWAN	MR063087	R1	CY7C64713-100AXC	150	1000	50	0
AZ100RUAGN	CML-R	65105	R1	CY7C68013A-100AXC	150	500	50	0
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	150	500	50	0
AZ100RUALN	R-CML	MR064076	R1	CY7C1345G-100AXC	150	1000	50	0
AZ100RULN	R-CML	MR064010	R1	CY7C1325G-133AXC	150	500	50	0
AZ100RULN	CML-R	MR064010	R1	CY7C1325G-133AXC	150	1000	50	0
AZ100RXLL	R-CML	MR071051	R1	CY7C1354CV25-166AXC	150	500	80	0
AZ100RXLL	R-CML	MR071051	R1	CY7C1354CV25-166AXC	150	1000	80	0
AZ100SEGL	R-CML	64607	R2	8C24094	150	500	47	0
AZ100SEGL	R-CML	64607	R2A	8C24094	150	500	55	0
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	150	500	49	0
AZ100SFAL	RA-CML	MR063008	R1	CY7C025-25AXC	150	1000	49	0
AZ128SALL	R-CML	NR061005	R1A	CY7C68013A-128AXC	150	500	42	0
AZ128SALL	R-CML	NR061005	R1A	CY7C68013A-128AXC	150	1000	38	0
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	150	500	50	0
AZ128SALL	R-CML	NR061005	R2	CY7C64714-128AXC	150	1000	46	0
AZ128SALL	R-CML	NR061005	R3	CY7C68013A-128AXI	150	500	50	0
AZ128SALL	R-CML	NR061005	R3	CY7C68013A-128AXI	150	1000	49	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	150	500	50	0
AZ32BXGAN	Q-KOREA	MR063080	R1	CY7C4241V-15AXC	150	1000	49	0
AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	150	500	50	0

AZ44SEGLL	R-CML	MR064061	R1	CY7C1011CV33-12AXI	150	1000	50	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	150	500	50	0
AZ52ASGAL	Q-KOREA	MR062062	R1	CY7B9945V-AXC	150	1000	50	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	150	500	47	0
AZ52ASGAL	Q-KOREA	MR064075	R1	CY7B9945V-2AXI	150	1000	47	0
AZ52ASGAL	Q-KOREA	MR071005	R1	CY7B9945V-2AXI	150	500	80	0
AZ52ASGAL	Q-KOREA	MR071005	R1	CY7B9945V-2AXI	150	1000	80	0
AZ64FXGAL	G-TAIWAN	MR062057	R1	CY7C006AV-25AXC	150	500	50	0
AZ64FXGAL	G-TAIWAN	MR062057	R1	CY7C006AV-25AXC	150	1000	50	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	150	500	50	0
AZ64HXGAL	R-CML	MR062101	R1	CY7C4245-15AXC	150	1000	50	0

Summary for Package Family : TQFP (Pb-free) (33 records)

Sum 1738 0

TQFP (Thermal, Pb-free)

Summary for Package Family : TQFP (Thermal, Pb-Free) (0 record)

Sum

TSOP (Pb-free)

ZT28R2AGN	R-CML	MR061010	R1	CY7C199-15ZXC	150	1000	50	0
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	150	500	49	0
ZT28R2AGN	R-CML	MR062041	R1	CY7C199-15ZXC	150	1000	49	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	150	500	50	0
ZT28R2AGN	R-CML	MR063030	R1	CY62256LL-70ZXI	150	1000	50	0
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZAI	150	500	50	0
ZT32RABAL	T-TAIWAN	MR062053	R1	CY62128DV30LL-70ZAI	150	1000	50	0
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXCT	150	500	50	0
ZT32RABALL	T-TAIWAN	MR063043	R1	CY7C109B-15ZXCT	150	1000	50	0
ZT32RABALL	T-TAIWAN	MR071049	R1	CY62128ELL-45ZAI	150	500	80	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	150	500	45	0
ZT32RACALL	RA-CML	63907	R1	CY7C109BN-15ZXC	150	1000	45	0
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	150	500	44	0
ZT32RZALL	T-TAIWAN	MR064078	R1	CY7C109D-10ZXI	150	1000	44	0
ZT48ACALL	G-TAIWAN	MR063016	R1	CY62167DV30LL-45ZAI	150	500	45	0

Summary for Package Family : TSOP (Pb-free) (15 records)

Sum 751 0

TSOP I

ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	150	500	50	0
ZA32RHAALN	R-CML	MR062027	R1	CY62128DV30LL-70ZAI	150	1000	50	0

Summary for Package Family : TSOP I (2 records)

Sum 100 0

TSOP I (Pb-free)

ZB32RHALL	R-CML	MR061069	R1	CS6368AM	150	1000	45	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	150	500	50	0
ZB32RHALL	R-CML	MR062019	R1	CY62128DV30LL-70ZAXI	150	1000	50	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	150	500	50	0
ZB32RHALL	R-CML	MR063048	R1	CY62128DV30LL-55AXI	150	1000	50	0
ZB32RHALL	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	150	500	50	0
ZB32RHALL	R-CML	MR064028	R1	CY62128EV30LL-45ZAXI	150	1000	50	0
ZB32RHALL	R-CML	MR064085	R1	CY62128EV30LL-45AXI	150	500	50	0
ZB32RHALL	R-CML	MR064085	R1	CY62128EV30LL-45AXI	150	1000	50	0
ZB32RHALL	R-CML	MR071021	R1	CY62128EV30LL-45ZAXI	150	500	80	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	150	500	50	0
ZB32RKALL	T-TAIWAN	MR064071	R1	CY62128ELL-45ZAXI	150	1000	50	0

Summary for Package Family : TSOP I (Pb-Free) (12 records)

Sum 625 0

TSOP II

ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	150	500	50	0
ZS324FAGE	T-TAIWAN	MR062049	R1	CY7C1019CV33-12ZC	150	1000	50	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	150	500	45	0
ZS324FAGE	T-TAIWAN	NR062001	R2	CY7C1019CV33-12ZCT	150	1000	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	150	500	45	0
ZS324FAGE	T-TAIWAN	NR062001	R3	CY7C1019CV33-12ZCT	150	1000	45	0

ZS444ABALE	R-CML	MR061067	R1	CS6334AS	150	1000	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	150	500	50	0
ZS444AJALN	R-CML	MR064029	R1	CY7C1021CV33-15ZC	150	1000	50	0
ZS444AJALN	R-CML	MR071022	R1	CY7C1021CV33-10ZI	150	500	80	0
ZS444AJALN	R-CML	MR071022	R1	CY7C1021CV33-10ZI	150	1000	80	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	150	500	50	0
ZS444AKALN	R-CML	MR064022	R1	CY7C1041CV33-20ZC	150	1000	49	0
ZS544AAALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	150	500	50	0
ZS544AAALE	G-TAIWAN	MR062040	R1	CY7C1061AV33-10ZI	150	1000	50	0
ZS544AAALE	G-ASE	MR063015	R1	CY7C1061AV33-12ZI	150	500	50	0
ZS544AAALE	G-TAIWAN	MR063015	R1	CY7C1061AV33-12ZI	150	1000	50	0
ZS544AAALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	150	500	44	0
ZS544AAALE	G-TAIWAN	MR064044	R1	CY7C1069AV33-10ZC	150	1000	44	0

Summary for Package Family : TSOP II (19 records)

Sum 977 0

TSOP II (Pb-free)

ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	150	500	50	0
ZW324CBLL	T-TAIWAN	MR064047	R1	CY62148ELL-45ZSXI	150	1000	50	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	150	500	50	0
ZW324FBGL	T-TAIWAN	MR061041	R1	CY7C1019CV33-10ZXC	150	1000	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	150	500	50	0
ZW324FBGL	T-TAIWAN	MR062023	R1	CY7C1019CV33-15ZXI	150	1000	50	0
ZW444ABLL	R-CML	MR061066	R1	CY7C1021CV26-15ZSXE	150	1000	50	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	150	500	50	0
ZW444AJGN	R-CML	MR063014	R1	CY7C1021CV33-10ZXC	150	1000	50	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXE	150	500	80	0
ZW444AJLN	R-CML	MR064059	R1	CY7C1020CV26-15ZSXE	150	1000	80	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	150	500	50	0
ZW444ALLR	G-TAIWAN	64102	R1	CY7C1051DV33-10ZSXES	150	1000	50	0
ZW444AMLN	R-CML	64602	R1	CY62157DV30L	150	1000	50	0
ZW444NAGN	R-CML	MR062029	R1	CY62126DV30L-55ZSXE	150	1000	50	0
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	150	500	50	0
ZW544AALL	G-TAIWAN	MR063085	R1	CY7C1069BV33-12ZXC	150	1000	50	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	150	500	49	0
ZW544AALL	G-TAIWAN	MR064024	R1	CY7C1061AV33-12ZXC	150	1000	49	0

Summary for Package Family : TSOP II (Pb-free) (19 records)

Sum 1008 0

RTSOP

ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	150	500	50	0
ZR28R2AGN	R-CML	MR062050	R1	CY62256LL-70ZRI	150	1000	50	0

Summary for Package Family : RTSOP (2 records)

Sum 100 0

RTSOP (Pb-free)

Summary for Package Family : RTSOP (Pb-free) (0 record)

Sum

TSSOP

Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	150	500	50	0
Z1613GAGB	T-TAIWAN	MR063013	R1	CY2308ZC-1H	150	1000	50	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	150	500	50	0
Z1613GAGB	R-CML	MR064031	R1	CY2308ZI-1H	150	1000	50	0
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	150	500	50	0
Z1613GAGB	T-TAIWAN	MR064032	R1	CY2308ZI-1H	150	1000	50	0
Z1613GAGB	T-TAIWAN	MR071009	R1	CY2308ZI-1H	150	500	80	0
Z1613GAGB	T-TAIWAN	MR071009	R1	CY2308ZI-1H	150	1000	74	0
Z1619GAGN	RA-CML	MR062015	R1	CY22393FC	150	500	50	0
Z1619GAGN	RA-CML	MR062015	R1	CY22393FC	150	1000	50	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	150	500	50	0
Z1619GAGN	RA-CML	MR064014	R1	CY2309ZC-1HT	150	1000	50	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	150	500	43	0
Z32REGBLE	T-TAIWAN	NR062001	R1	CY62128DV30LL-70ZI	150	1000	42	0
Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	150	500	50	0

Z5624BAGN	R-CML	MR063104	R1	CY28409ZC	150	1000	50	0
<b>Summary for Package Family : TSSOP (16 records)</b>								
<b>Sum</b>							<b>839</b>	<b>0</b>
<b>TSSOP (Pb-free)</b>								
ZZ1614HAN	T-TAIWAN	MR071054	R1	CY26049ZXI-36	150	500	80	0
ZZ1614HAN	T-TAIWAN	MR071054	R1	CY26049ZXI-36	150	1000	79	0
ZZ1619GAN	RA-CML	MR054017	R1	CY22392ZXC	150	1000	50	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	150	500	50	0
ZZ1619GAN	RA-CML	MR062009	R1	CY22392ZXI	150	1000	50	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	150	500	49	0
ZZ1619GAN	RA-CML	MR063027	R1	CY2309ZXC-1HT	150	1000	49	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	150	500	50	0
ZZ1619GAN	RA-CML	MR064004	R1	CY2309ZXC-1H	150	1000	50	0
ZZ1619GAN	RA-CML	MR071057	R1	CY2309ZXI-1H	150	500	80	0
ZZ1619GAN	CML-RA	MR071057	R1	CY2309ZXI-1H	150	1000	80	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	150	500	50	0
ZZ2813AAGL	T-TAIWAN	MR062032	R1	CY28517ZXC	150	1000	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	150	500	50	0
ZZ2813AAGL	T-TAIWAN	MR063037	R1	CY28517ZXC	150	1000	50	0
ZZ2817AGL	T-TAIWAN	MR071043	R1	CY28517ZXCT	150	500	80	0
ZZ2817AGL	T-TAIWAN	MR071043	R1	CY28517ZXCT	150	1000	80	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	150	500	50	0
ZZ2846AAGL	T-TAIWAN	MR064007	R1	CY28517ZXCT	150	1000	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	150	500	50	0
ZZ5624BGN	R-CML	MR062006	R1	CY28411ZXCT	150	1000	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	150	500	50	0
ZZ5624BGN	R-CML	MR063053	R1	CY505YC56DT	150	1000	50	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	150	500	50	0
ZZ5624BGN	R-CML	MR064008	R1	CY505YC56DT	150	1000	50	0
ZZ5624BGN	R-CML	MR071002	R1	CY505YC56DT	150	500	80	0
ZZ5624BGN	R-CML	MR071002	R1	CY505YC56DT	150	1000	80	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	150	500	50	0
ZZ6421GAGL	M-PHIL	MR063031	R1	CY5C5YC64DT	150	1000	50	0
ZZ6421GAGL	M-PHIL	MR064016	R1	CY28548ZXC	150	500	50	0
ZZ6421GAGL	M-PHIL	MR064016	R1	CY28548ZXC	150	1000	50	0
ZZ6421GAGL	M-PHIL	NR064005	R1	7C885052DC-MZZC	150	500	50	0
ZZ6421GAGL	M-PHIL	NR064005	R1	7C885052DC-MZZC	150	1000	50	0
ZZ6421GAGL	M-PHIL	NR064005	R2	7C885052DC-MZZC	150	500	45	0
ZZ6421GAGL	M-PHIL	NR064005	R2	7C885052DC-MZZC	150	1000	43	0
ZZ6421GAGL	M-PHIL	NR064005	R3	7C885052DC-MZZC	150	500	45	0
ZZ6421GAGL	M-PHIL	NR064005	R3	7C885052DC-MZZC	150	1000	44	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	150	500	45	0
ZZ642VFRHS	T-TAIWAN	64101	R1	CY505YC64DT	150	1000	45	0
<b>Summary for Package Family : TSSOP (Pb-free) (39 records)</b>								
<b>Sum</b>							<b>2154</b>	<b>0</b>