



2009 Q2 RELIABILITY REPORT

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

This report summarizes Cypress Semiconductor Product Reliability for the period of the 1st quarter of 2009. 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 a 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) "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



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 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
L28	80,208	0	Insufficient	0	None
B53	30,114	0	Insufficient	0	None
C9	1,381,536	15	35	521	Fab defect-15 (see Note 2)
L8	11,179	0	Insufficient	0	None
R8	1,350,518	2	7	86	Fab defect-2 (see Note 3)
C8	30,316	0	Insufficient	0	None
S8	909,020	0	7	0	None
R95	1,226,831	0	4	0	None
R9	2,291,605	1	3	17	Fab defect-1 (see Note 4)
R7	268,992	0	20	0	None
S4	1,384,936	0	4	0	None
Grand Total	8,967,832	19	7	109	See above

Notes: 1) Insufficient data – interpret as insufficient accumulated life-time hours to project a 60%confidence bound for a zero-fails sample.
 2) CAR 200813026 – Tungsten particle reduction in the Local Interconnect layers and improved test screens
 3) CAR 200838014 & 200842019 – Improve contact to diffusion cleaning process
 4) CAR for issuance



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	362,185	0	15	None
L8	584,817	0	9	None
L28	217,440	0	25	None
C9	1,283,340	0	4	None
R8	894,859	0	6	None
C8	399,368	0	13	None
R9	1,155,102	0	5	None
S4	3,916,774	0	1	None
S8	1,687,645	0	3	None
R7	658,152	0	8	None
R95	892,360	0	6	None
Grand Total	12,052,042	0	0	None



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
L28	154	115,500	0	0	None
S4	4,347	2,761,389	0	0	None
S8	3,712	2,852,323	0	0	None
Grand Total	8,213	5,729,212	0	0	None

3.0 PACKAGE RELIABILITY

Package-level reliability testing refers to the assessment of the overall 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.

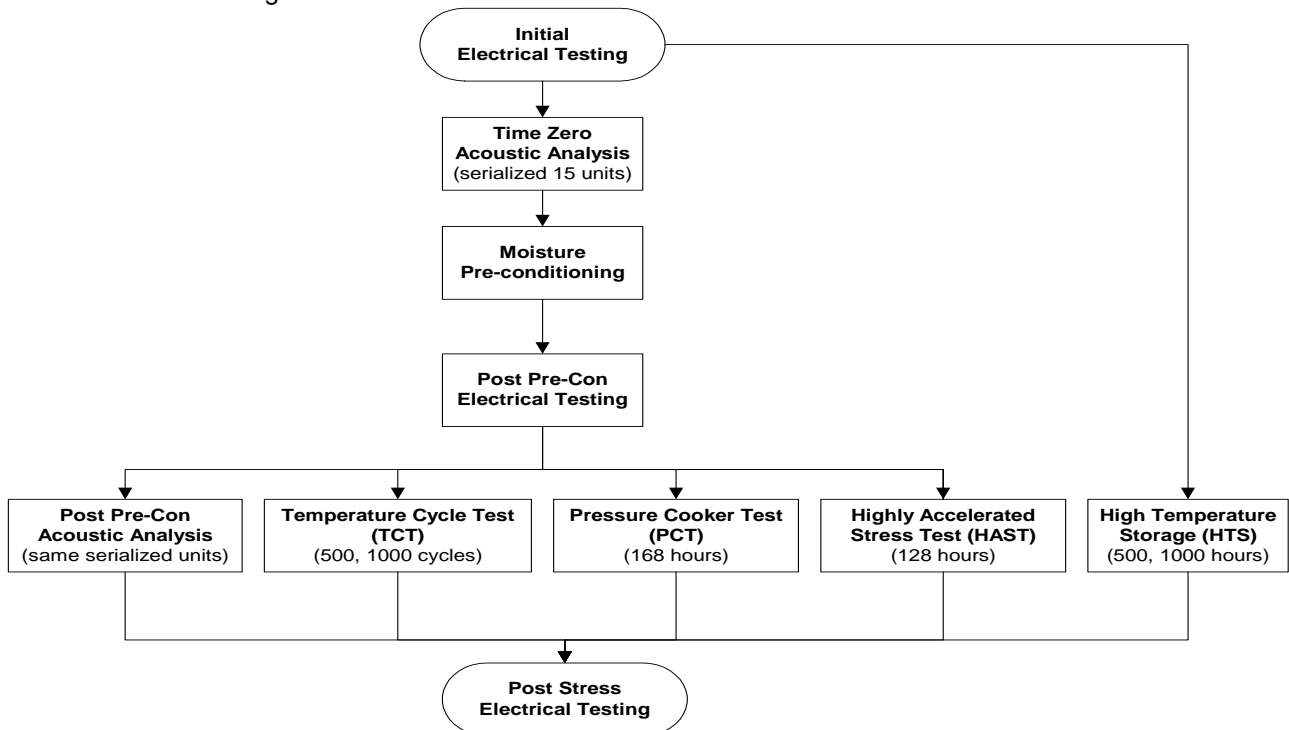


Figure 1. Cypress Package Reliability Stress Flow



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 Cycle -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, 0.3mm, Pb-free)	372	0	0	None
FBGA (1.0-1.27)	263	0	0	None
FBGA (1.0-1.27, Pb-free)	412	0	0	None
PBGA (1.27)	388	0	0	None
PBGA (1.27, Pb-free)	25	0	0	None
PBGA (Cavity/Heat Sink)	80	0	0	None
PDIP (Pb-Free)	827	0	0	None
PLCC	320	0	0	None
PLCC (Pb-Free)	240	0	0	None
PQFP (Pb-free)	240	0	0	None
QFN (0.4mm, Saw Type, Pb-free)	240	0	0	None
QFN (0.6mm, Punch Type, Pb-Free)	267	0	0	None
QFN (0.6mm, Saw Type, Pb-Free)	2,155	0	0	None
QFN (COL, 0.6mm, Saw Type, Pb-free)	454	0	0	None
QFN (Punch Type, Pb-Free)	1,258	0	0	None
QFN (Saw Type, Pb-free)	1,787	0	0	None
QSOP (Pb-Free)	190	0	0	None
RTSOP (Pb-free)	161	0	0	None
SNC (Pb-Free)	241	0	0	None
SOIC	110	0	0	None
SOIC (J-Lead)	338	0	0	None
SOIC (J-Lead, Pb-Free)	669	0	0	None
SOIC (Pb-Free)	2,601	0	0	None
SSOP	30	0	0	None
SSOP (Pb-Free)	2,880	0	0	None
TQFP	190	0	0	None
TQFP (10mm X 10mm)	78	0	0	None
TQFP (Pb-Free)	990	0	0	None
TSOP (Pb-free)	973	0	0	None
TSOP I (Pb-Free)	424	0	0	None
TSOP II (Pb-Free)	1,593	0	0	None
TSSOP	269	0	0	None
TSSOP (Pb-Free)	741	0	0	None
VFBGA (0.75-0.8, 0.3mm)	346	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	1,679	0	0	None
Grand Total	23,831	0	0.00%	See above



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 Cycle –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, 0.3mm)	125	0	0	None
FBGA (0.75-0.8, 0.3mm, Pb-free)	98	0	0	None
FBGA (1.0-1.27, Pb-free)	151	0	0	None
PDIP (Pb-Free)	833	0	0	None
PLCC	159	0	0	None
PLCC (Pb-Free)	183	0	0	None
QFN (0.4mm, Saw Type, Pb-free)	72	0	0	None
QFN (0.6mm, Punch Type, Pb-Free)	152	0	0	None
QFN (0.6mm, Saw Type, Pb-Free)	1,064	0	0	None
QFN (COL, 0.6mm, Saw Type, Pb-free)	228	0	0	None
QFN (Punch Type, Pb-Free)	663	0	0	None
QFN (Saw Type, Pb-free)	1,308	0	0	None
QSOP (Pb-Free)	130	0	0	None
RTSOP (Pb-free)	103	0	0	None
SNC (Pb-Free)	230	0	0	None
SOIC	130	0	0	None
SOIC (J-Lead)	422	0	0	None
SOIC (J-Lead, Pb-Free)	703	0	0	None
SOIC (Pb-Free)	1,640	0	0	None
SSOP (Pb-Free)	1,409	0	0	None
TQFP	103	0	0	None
TQFP (Pb-Free)	388	0	0	None
TSOP (Pb-free)	475	0	0	None
TSOP I (Pb-Free)	128	0	0	None
TSOP II (Pb-Free)	898	0	0	None
TSSOP	102	0	0	None
TSSOP (Pb-Free)	319	0	0	None
VFBGA (0.75-0.8, 0.3mm)	25	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	485	0	0	None
Grand Total	12726	0	0.00%	None



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 accelerated 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 Cycle -65/+150, 24 hr Bake 125°C, Moisture loading to qualified MSL level
- Duration** : 500 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
FBGA (0.75-0.8, 0.3mm, Pb-free)	670	0	0	None
FBGA (1.0-1.27)	483	0	0	None
FBGA (1.0-1.27, Pb-free)	2,587	0	0	None
FLIPCHIP CSP (Pb-Free)	835	0	0	None
PBGA (1.27)	558	0	0	None
PBGA (1.27, Pb-free)	370	0	0	None
PBGA (Cavity/Heat Sink)	151	0	0	None
PDIP (Pb-Free)	2,156	0	0	None
PLCC	404	0	0	None
PLCC (Pb-Free)	794	0	0	None
PQFP (Pb-free)	478	0	0	None
QFN (0.4mm, Saw Type, Pb-free)	696	0	0	None
QFN (0.6mm, Punch Type, Pb-Free)	540	0	0	None
QFN (0.6mm, Saw Type, Pb-Free)	5,002	0	0	None
QFN (COL, 0.6mm, Saw Type, Pb-free)	771	0	0	None
QFN (Punch Type, Pb-Free)	3,224	0	0	None
QFN (Saw Type, Pb-free)	5,364	0	0	None
QSOP (Pb-Free)	846	0	0	None
RTSOP (Pb-free)	318	0	0	None
SNC (Pb-Free)	537	0	0	None
SOIC	218	0	0	None
SOIC (J-Lead)	777	0	0	None
SOIC (J-Lead, Pb-Free)	1,599	0	0	None
SOIC (Pb-Free)	6,509	3	0	Cut wedge-3 (see Note 1)
SSOP	88	0	0	None
SSOP (Pb-Free)	6,187	0	0	None
TQFP	690	0	0	None
TQFP (10mm X 10mm)	314	0	0	None
TQFP (Pb-Free)	2,776	0	0	None
TSOP (Pb-free)	1,870	0	0	None
TSOP I (Pb-Free)	694	0	0	None
TSOP II (Pb-Free)	2,817	0	0	None
TSSOP	929	0	0	None
TSSOP (Pb-Free)	2,409	0	0	None
VFPGA (0.75-0.8, 0.3mm)	614	0	0	None
VFPGA (0.75-0.8, 0.3mm, Pb-Free)	6,235	0	0	None
Grand Total	61,510	3	0.005%	See above

Notes: 1) CAR 200824016 – Increase mold compound cure time.

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
FBGA (0.75-0.8, 0.3mm, Pb-free)	588	0	0	None
FBGA (1.0-1.27)	458	0	0	None
FBGA (1.0-1.27, Pb-free)	690	0	0	None
PBGA (1.27)	320	0	0	None
PBGA (1.27, Pb-free)	60	0	0	None
PBGA (Cavity/Heat Sink)	160	0	0	None
PDIP (Pb-Free)	1,499	0	0	None
PLCC	470	0	0	None
PLCC (Pb-Free)	480	0	0	None
PQFP (Pb-free)	480	0	0	None
QFN (0.4mm, Saw Type, Pb-free)	554	0	0	None
QFN (0.6mm, Punch Type, Pb-Free)	539	0	0	None
QFN (0.6mm, Saw Type, Pb-Free)	1,196	0	0	None
QFN (COL, 0.6mm, Saw Type, Pb-free)	474	0	0	None
QFN (Punch Type, Pb-Free)	1,560	0	0	None
QFN (Saw Type, Pb-free)	1,242	0	0	None
QSOP (Pb-Free)	540	0	0	None
RTSOP (Pb-free)	320	0	0	None
SNC (Pb-Free)	540	0	0	None
SOIC	220	0	0	None
SOIC (J-Lead)	298	0	0	None
SOIC (J-Lead, Pb-Free)	1,374	0	0	None
SOIC (Pb-Free)	3,976	0	0	None
SSOP	60	0	0	None
SSOP (Pb-Free)	2,495	0	0	None
TQFP	380	0	0	None
TQFP (10mm X 10mm)	158	0	0	None
TQFP (Pb-Free)	1,992	0	0	None
TSOP (Pb-free)	1,420	0	0	None
TSOP I (Pb-Free)	538	0	0	None
TSOP II (Pb-Free)	1,636	0	0	None
TSSOP	537	0	0	None
TSSOP (Pb-Free)	1,235	0	0	None
VFBGA (0.75-0.8, 0.3mm)	540	0	0	None
VFBGA (0.75-0.8, 0.3mm, Pb-Free)	2,702	0	0	None
Grand Total	31,731	0	0.00%	None

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 = 8.62×10^{-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_u = use environment junction temperature (°K)
 T_t = test environment junction temperature (°K)
 E_a = failure mechanism activation energy (0.9 for corrosion)
 k = Boltzman's Constant (8.62×10^{-5} eV/°Kelvin)
 RH_u = use environment relative humidity
 RH_t = 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 (RHj) is

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

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_{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_{mold}), and maximum during the lowest temperature reached during temperature cycling, (T_{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, uses the difference between the minimum and maximum temperatures during temperature cycle testing (T_{min} and T_{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 calculated 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, dislocations 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 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.

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

The 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

From: 6/28/2008
To: 06/28/2009

Summary Detail -- EFR Performance Over Time

TECHNOLOGY	DIVISION	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	DURATION	SS	REJECT	FA	COMMENTS
L28												
	DCD	081704	R1G	CY2309ESXI-1H	150	3.8	48	48	504	0		
	DCD	081704	R1H	CY2309ESXI-1H	150	3.8	48	48	504	0		
	DCD	081704	R1H	CY2309ESXI-1H	150	3.8	48	48	159	0		
	DCD	081704	R1I	CY2309ESXC-1H	150	3.8	48	48	504	0		
Summary for Technology: L28			4 records									
Sum								L28	1671	0		
B53												
	CCD	MR083072	R1	CYRF6936-40LFXC	125	3.8	96	96	100	0		
	CCD	MR083072	R2	CYRF6936-40LFXC	125	3.8	96	96	197	0		
	CCD	MR084068	R1	CYRF6936-40LFXC	125	3.8	96	96	299	0		
Summary for Technology: B53			3 records									
Sum								B53	596	0		
C9												
	MID	MR084077	R1	CY7C1041DV33-10ZSXI	150	3.77	48	48	4898	3	MR084077-1E1	Tungsten Short
	MID	MR084077	R2	CY7C1041DV33-10ZSXI	150	3.77	48	48	4829	7	MR084077-2E1	Tungsten Short
	MID	MR084077	R3	CY7C1041DV33-10ZSXI	150	3.77	48	48	5523	1	MR084077-3E1	Particle Defect
	MID	MR084077	R4	CY7C1041DV33-10ZSXI	150	4.5	48	48	5474	3	MR084077-4E1	2-Particle Defect, 1-Partial Column not analyzed (deprocessing for the failure type not possible)
	MID	MR091067	R1	CY7C1041DV33-10ZSXI	150	3.77	48	48	4916	1	MR091067-1E1	No Visual Defect
	MID	MR091067	R2	CY7C1041DV33-10ZSXI	150	3.77	48	48	3142	0		
Summary for Technology: C9			7 records									
Sum								C9	28782	15		
L8												
	CCD	064302	R11F	CY2FLEXO-HV	125	3.96	96	96	48	0		
	CCD	064302	R9	CY2FLEXO-HV	125	3.96	96	96	45	0		
	DCD	084102	R1A	CY2545C208	150	3.8	48	48	135	0		
Summary for Technology: L8			3 records									
Sum								L8	228	0		
R8												
	CCD	73802	R3	CY62167DV30	125	2.4	96	96	4637	1	073802-3E1	1-Poor Salicidation
	MID	84907	R1	CY62167D	125	2.4	96	96	1885	0		
	MID	84907	R2	7G62164DK-GZTIB	125	2.4	96	96	1852	0		

CCD	073802	R2	CY62167DV30	125	2.4	96	96	4515	0		
MID	082005	R1	CY62177DV30	125	2.4	96	96	1756	0		
MID	082005	R2	CY62167DV30	125	2.4	96	96	1673	1	082005-2E1	Metal2 Damage
MID	082401	R1	CY62167DV30	125	2.4	96	96	1748	0		
MID	083101	R1	CY62157D930A	150	2.4	96	96	3850	0		
MID	MR083055	R1	CY62177DV30LL-55BAXI	125	2.4	96	96	299	0		
MID	MR083077	R1	7G62162DK-GBZIB	125	2.4	96	96	450	0		
MID	MR084075	R1	CY62177DV30LL-55BAXIT	125	2.4	96	96	300	0		
MID	MR091063	R1	CY62157DV30LL-55ZSXI	125	2.4	96	96	299	0		
Summary for Technology: R8			12 records								
Sum							R8	23264	2		
C8											
DCD	MR083054	R1	CG6882AMT	125	3.8	96	96	300	0		
DCD	MR084078	R1	CYWB0124AB-BVXI	125	3.8	96	96	300	0		
DCD	MR091049	R1	CYWB0124AB-BVXI	125	3.8	96	96	300	0		
Summary for Technology: C8			2 records								
Sum							C8	900	0		
S8											
MID	72403	R1A	CYONS2001-LBXC	40	3.8	168	168	331	0		
CCD	90301	R2B	CY8C20566-24PVXI	150	2.1	48	48	375	0		
MID	071304	R10	7C1404B8BC-**RZWCB	150	3.3	48	48	813	0		
MID	071304	R8A	CY14B104L	150	2.7	48	48	932	0		
MID	071304	R9	7C1404B6BC-**RZWCB	150	2.7	48	48	1316	0		
MID	071904	R2	CY24C16L-3SXIES	125	2.7	96	96	1995	0		
MID	071904	R3	CY24C16L-3SXIES	125	2.1	96	96	2020	0		
MID	071904	R4	CY24C16L-3SXIES	125	2.7	120	24	1	0		
MID	071904	R4	CY24C16L-3SXIES	125	6.6	96	96	45	0		
MID	072403	R1	CYONS2001-LBXC	125	5.5	72	72	45	0		
MID	072403	R2	CYONS2100-LBXC	40	3.8	168	168	330	0		
MID	072403	R2A	CYONS2100-LBXC	125	3.8	72	72	665	0		
MID	072403	R3	CYONS2110-LBXC	40	3.8	168	168	333	0		
MID	072403	R3A	CYONS2110-LBXC	125	3.8	72	72	333	0		
MID	072403	R3A1	CYONS2110-LBXC	125	3.8	72	72	367	0		
CCD	072907	R1	CY8C20566-24PVXI	150	2.1	48	48	375	0		
CCD	072907	R1	CY8C20566-24PVXI	150	2.1	48	48	375	0		

CCD	072907	R1	CY8C20566-24PVXI	150	2.1	48	48	252	0
CCD	083401	R1A	CY8C20466A	125	5	96	96	45	0
CCD	083401	R2	CY8C20466-24LQXI	150	5	48	48	45	0
CCD	083401	R3	CY8C20566-24PVXI	150	2.1	48	48	375	0
CCD	083401	R3	CY8C20566-24PVXI	150	2.1	48	48	375	0
CCD	083401	R3	CY8C20566-24PVXI	150	2.1	48	48	252	0
CCD	083401	R4A	CY8C20566-24PVXI	150	5.75	48	48	45	0
CCD	090301	R1A	CY8C20566-24PVXI	150	2.1	48	48	375	0
CCD	090301	R1A (1)	CY8C20466-24LQXI	150	2.1	48	48	375	0
CCD	090301	R1B	CY8C20566-24PVXI	150	2.1	48	48	375	0
CCD	090301	R1B (1)	CY8C20466-24LQXI	125	2.1	48	48	375	0
CCD	090301	R1C	CY8C20566-24PVXI	150	2.1	48	48	375	0
CCD	090301	R1C (1)	CY8C20466-24LQXI	150	2.1	48	48	375	0
CCD	090301	R2B	CY8C20566-24PVXI	150	2.1	48	48	34	0
CCD	090301	R2B (1)	CY8C20466-24LQXI	150	2.1	48	48	375	0
CCD	MR091065	R4	CY8C20466-24LQXI	150	2.1	48	48	1000	0

34 records

Summary for Technology: S8

S8 18277 1

Sum

R95

MID	084612	R1	CY62177EV30LL	150	1.85	24	24	4249	0
MID	084612	R2	CY62177EV30LL	150	1.85	24	24	3732	0
MID	084612	R3	CY62177EV30LL	150	1.85	24	24	3298	0
MID	MR082051	R2	CY62148ELL-45ZSXI	125	1.85	48	48	4909	0
MID	MR083068	R1	CY62157EV30LL-45ZSXI	125	1.85	96	96	8369	0
MID	MR083069	R1	CY62157EV30LL-45ZSXI	125	1.85	96	96	8100	0

6 records

Summary for Technology: R95

32657 0

Sum

R9

MID	90704	R7	7C15121YC-**GBBCB	150	2.7	96	96	931	0
MID	083601	R1	CY1512V18-200BZXC	125	2.25	96	96	590	0
CCD	083901	R1	7C1312YC-GBBCB	125	2.7	96	96	518	0
CCD	083901	R1A	7C1312YC-GBBCB	125	2.7	96	96	522	0
MID	084502	R1	CY7C1370D	150	2.25	24	24	7233	1
MID	084502	R1	CY7C1370D	150	2.25	48	24	7213	0
MID	084502	R1A	CY7C1370FC	150	2.25	24	24	1594	0

084502-1E1 TUNGSTEN DEFECT

MID	084502	R1A	CY7C1370FC	150	2.25	48	24	1585	0
MID	084502	R2	CY7C1370FC	150	2.25	24	24	1433	0
MID	084502	R2	CY7C1370FC	150	2.25	48	24	1432	0
MID	084612	R1	CY62177EV30LL	150	1.85	24	24	4249	0
MID	084612	R2	CY62177EV30LL	150	1.85	24	24	3732	0
MID	084612	R3	CY62177EV30LL	150	1.85	24	24	3298	0
MID	090201	R3	7C1450BC-RAZCB	150	2.7	48	48	107	0
MID	090704	R4	7C15121YC>**GBBCB	150	2.7	96	96	1569	0
MID	MR082051	R2	CY62148ELL-45ZSXI	125	1.85	48	48	4909	0
MID	MR083068	R1	CY62157EV30LL-45ZSXI	125	1.85	96	96	8369	0
MID	MR083069	R1	CY62157EV30LL-45ZSXI	125	1.85	96	96	8100	0

18 records

Summary for Technology: R9

R9 57384 1

Sum

R7

MID	MR083070	R1	CY7C1021CV33-10ZXC	150	2.3	24	24	299	0
MID	MR084083	R1	7A132101GC-RZWEB	150	2.3	24	24	10909	0

2 records

Summary for Technology: R7

R7 11208 0

Sum

S4

CCD	75103	R2(1)	CY8CLED04DOCD1-56ES	125	5.5	96		573	0
CCD	074006	R1	CY8C27443-12PVXE	150	5.5	48		198	0
CCD	075103	R2	CY8CLED04DOCD1-56ES	125	38	96		591	0
CCD	075103	R3	CY8CLED04D01-56LTXI	125	5.5	96		540	0
CCD	075103	R5	CY8CPWR01-56TXI	125	5.5	96		366	0
CCD	081405	R1	CYONS1004L-LBXC	40	4.2	168		500	0
CCD	081405	R3	CYONS1004L-LBXC	40	4.2	168		500	0
CCD	081405	R4	CYONS1004L-LBXC	40	4.2	168		1000	0
CCD	081805	R1B	CY8C21534-24PVXI	125	5.5	96		997	0
CCD	081805	R1C	CY8C21534-24PVXI	125	5.5	96		956	0
CCD	081805	R2	CY8C21534-24PVXI	125	5.5	96		1880	0
MID	090405	R4	CY8C24894-24LFXA	125	5.5	48		3496	0
MID	090405	R5	CY8C24894-24LFXA	125	5.5	48		3515	0
MID	090405	R6	CY8C24894-24LFXA	125	5.5	48		3495	0
CCD	091305	R1	CY8C27443-24PVXI	125	5.5	120		797	0
CCD	MR082043	R1A	CYONS10820-LBXC	40	4.2	192		308	0

CCD	MR083046	R1	CY8C24223A-24PVXI	125	5.5	96	300	0
CCD	MR083056	R1	CY8C244235A-24PVXIES	125	5.5	96	2179	0
CCD	MR083056	R1B	CY8C244235A-24PVXIES	125	5.5	96	681	0
CCD	MR083067	R1	CY8C21534-12PVXE	125	5.5	6	545	0
CCD	MR083067	R1A	CY8C21534-12PVXE	125	5.5	6	4229	0
CCD	MR083067	R2	CY8C21534-12PVXET	125	5.5	6	825	0
CCD	MR083067	R2A	CY8C21534-12PVXET	150	5	6	3998	0
MID	MR083075	R1	CY8C26443-24PVXI	125	5.5	96	299	0
MID	MR083076	R1	CY8C24423A-12PVXE	125	5.5	48	2112	0
MID	MR083076	R1A	CY8C24423A-12PVXE	125	5.5	48	638	0
MID	MR083076	R1B	CY8C24423A-12PVXE	125	5.5	48	1018	0
MID	MR083076	R2	CY8C24423A-12PVXE	125	5.5	48	2111	0
MID	MR083076	R2A	CY8C24423A-12PVXE	125	5.5	48	1385	0
MID	MR083076	R3	CY8C24423A-12PVXE	125	5.5	48	1444	0
CCD	MR084051	R1	CY8C26443-24PVXIT	125	5.5	96	300	0
CCD	MR084076	R1	CS6835AT	125	5.5	96	294	0
CCD	MR091047	R1	CY8C21334-24PVXI	125	5.5	96	300	0
DCD	MR091064	R1	CY25100KSXCF	150	3.8	48	1497	0

34 records

**Summary for Technology: S4
Sum**

S4 43867 0

Summary Detail -- LFR Performance Over Time

	DIVISION	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	DURATION	SS	REJECT	FA	COMMENTS
TECHNOLOGY												
B53	CCD	MR083072	R1	CYRF6936-40LFXC	125	3.8	168		100	0		
	CCD	MR083072	R1	CYRF6936-40LFXC	125	3.8	1048		96	0		
	CCD	MR083072	R1	CYRF6936-40LFXC	125	3.8	1072		3	0		
	CCD	MR083072	R2	CYRF6936-40LFXC	125	3.8	168		196	0		
	CCD	MR083072	R2	CYRF6936-40LFXC	125	3.8	1048		192	0		
	CCD	MR083072	R2	CYRF6936-40LFXC	125	3.8	1072		4	0		
	CCD	MR084068	R1	CYRF6936-40LFXC	125	3.8	168		297	0		
	CCD	MR084068	R1	CYRF6936-40LFXC	125	3.8	1000		296	0		
				7 records								
Summary for Technology: B53									B53	1084	0	
Sum												
L8	CCD	064302	R11	CY2FLEXO-LV	125	2.35	168		624	0		
	CCD	064302	R11	CY2FLEXO-LV	125	2.35	1000		624	0		
	CCD	064302	R2	CY2FLEXO-LV	125	2.35	1000		119	0		
	CCD	064302	R9A	CY2FLEXO-LV	125	2.35	168		116	0		
	CCD	064302	R9A	CY2FLEXO-LV	125	2.35	1000		116	0		
	DCD	084102	R1E	CY2545C208	150	2.07	80		116	0		
	DCD	084102	R1E	CY2545C208	150	2.07	500		116	0		
				7 records								
Summary for Technology: L8									L8	1831	0	
Sum												
L28	MID	080608	R1	CY7C1021DV30-10ZSXI	150	5.75	80		118	0		
	MID	080608	R1	CY7C1021DV30-10ZSXI	150	5.75	500		118	0		
	DCD	MR082039	R1	CY2292FZX	150	3.8	500		298	0		
				3 records								
Summary for Technology: L28									L28	534	0	
Sum												
C9	MID	MR082045	R1	CY7C1021DV30-10ZSXI	150	3.77	500		995	0		
	MID	MR082045	R2	CY7C1021DV30-10ZSXI	150	3.77	500		997	0		
	MID	MR083057	R1	CY7C1041DV33-10ZSXI	150	3.77	80		498	0		
	MID	MR083057	R1	CY7C1041DV33-10ZSXI	150	3.77	500		495	0		
				4 records								

Summary for Technology: C9

C9 2985 0

Sum

R8	MID	082401	R1	CY62167DV30	125	2.4	168	178	0
	MID	082401	R1	CY62167DV30	125	2.4	1024	178	0
	MID	082401	R2	CY62167DV	125	2.4	168	177	0
	MID	084907	R1	CY62167D	125	2.4	168	200	0
	MID	084907	R2	7G62164DK-GZTIB	125	2.4	168	200	0
	MID	MR082052	R1	CY62167DV30LL-55BVI	125	2.4	1000	294	0
	MID	MR083055	R1	CY62177DV30LL-55BAXI	125	2.4	168	299	0
	MID	MR083055	R1	CY62177DV30LL-55BAXI	125	2.4	1000	299	0
	MID	MR083077	R1	7G62162DK-GBZIB	125	2.4	168	299	0
	MID	MR083077	R1	7G62162DK-GBZIB	125	2.4	1000	296	0
	MID	MR083077	R1	7G62162DK-GBZIB	125	2.4	1024	1	0
	MID	MR084075	R1	CY62177DV30LL-55BAXIT	125	3.8	168	300	0
	MID	MR084075	R1	CY62177DV30LL-55BAXIT	125	3.8	1000	300	0
	MID	MR091063	R1	CY62157DV30LL-55ZSXI	125	2.4	168	299	0

14 records

Summary for Technology: R8

R8 3320 0

Sum

C8	DCD	072404	R3C	CYWB0124AB-BVXI	125	3.8	1000	59	0
	DCD	MR083054	R1	CG6882AMT	125	3.8	168	300	0
	DCD	MR083054	R1	CG6882AMT	125	3.8	1000	299	0
	DCD	MR084078	R1	CYWB0124AB-BVXI	125	3.8	168	300	0
	DCD	MR084078	R1	CYWB0124AB-BVXI	125	3.8	1000	300	0

5 records

Summary for Technology: C8

C8 1258 0

Sum

R9	MID	083601	R1	CY1512V18-200BZXC	125	2.25	168	119	0
	MID	083601	R1	CY1512V18-200BZXC	125	2.25	1000	119	0
	MID	083910	R1	NA	125	1.85	1000	80	0
	MID	084612	R1	CY62177EV30LL	150	1.85	432	100	0
	MID	084612	R2	CY62177EV30LL	150	1.85	432	99	0
	MID	084612	R3	CY62177EV30LL	150	1.85	432	100	0
	MID	MR073028	R1	CY7C1313BV18-250BZC	125	2.25	1024	30	0
	MID	MR082051	R1	CY62128EV30LL-45ZXI	125	1.85	168	674	0
	MID	MR082051	R1	CY62128EV30LL-45ZXI	125	1.85	1000	674	0

MID	MR082068	R1	CY7C1347G-133AXC	150	2.25	80	299	0
MID	MR082068	R1	CY7C1347G-133AXC	150	2.25	500	299	0
MID	MR083068	R1	CY62157EV30LL-45ZSXI	125	1.85	168	499	0
MID	MR083068	R1	CY62157EV30LL-45ZSXI	125	1.85	1000	499	0

13 records

Summary for Technology: R9

R9 3591 0

Sum
S4

CCD	81405	R1	CYONS1004L-LBXC	40	4.2	650	216	0
CCD	075103	R2	CY8CLED04DOCD1-56ES	125	38	168	587	0
CCD	075103	R2	CY8CLED04DOCD1-56ES	125	38	500	210	0
CCD	075103	R2	CY8CLED04DOCD1-56ES	125	38	1000	210	0
CCD	075103	R3	CY8CLED04D01-56LTXI	125	5.5	168	538	0
CCD	075103	R3	CY8CLED04D01-56LTXI	125	5.5	500	210	0
CCD	075103	R3	CY8CLED04D01-56LTXI	125	5.5	1000	210	0
CCD	075103	R4	CY8CLED04G01-56LTXI	125	5.5	420	207	0
CCD	075103	R4	CY8CLED04G01-56LTXI	125	5.5	1000	207	0
DCD	081401	R1	CY25100KSXCF	150	3.8	80	116	0
DCD	081401	R1	CY25100KSXCF	150	3.8	500	115	0
CCD	081405	R1	CYONS1004L-LBXC	40	4.2	500	223	0
CCD	081405	R3	CYONS1004L-LBXC	40	4.2	500	223	0
CCD	081405	R3	CYONS1004L-LBXC	40	4.2	650	221	0
CCD	081405	R4	CYONS1004L-LBXC	40	4.2	500	225	0
CCD	081405	R4	CYONS1004L-LBXC	40	4.2	650	219	0
CCD	081805	R1B	CY8C21534-24PVXI	125	5.5	168	188	0
CCD	081805	R1B	CY8C21534-24PVXI	125	5.5	1000	188	0
CBD	082201	R1	CY8C22545-24AXI	125	5.5	168	120	0
CBD	082201	R1	CY8C22545-24AXI	125	5.5	1000	120	0
DCD	082405	R1A	CY22393KFXI	150	3.8	80	116	0
CCD	MR082042	R1	CY8C29466-24PVXI	125	5.5	1000	296	0
CCD	MR082043	R1A	CYONS10820-LBXC	40	4.2	650	290	0
CCD	MR082059	R1	CP6458BM	125	5.5	1000	269	0
CCD	MR082059	R1	CP6458BM	125	5.5	1024	30	0
CCD	MR082067	R1	CY8C27443-24PVXI	125	5.5	1024	300	0
CCD	MR083046	R1	CY8C24223A-24PVXI	125	5.5	168	298	0

CCD	MR083046	R1	CY8C24223A-24PVXI	125	5.5	1000	298	0
CCD	MR083056	R1	CY8C244235A-24PVXIES	125	5.5	168	1000	0
CCD	MR083056	R1	CY8C244235A-24PVXIES	125	5.5	1000	997	0
CCD	MR083056	R1	CY8C244235A-24PVXIES	125	5.5	1024	1	0
CCD	MR083067	R1	CY8C21534-12PVXE	125	5.5	1000	500	0
MID	MR083075	R1	CY8C26443-24PVXI	125	5.5	1000	299	0
MID	MR083075	R1	CY8C26443-24PVXI	125	5.5	168	299	0
MID	MR083076	R2	CY8C24423A-12PVXE	125	5.5	1000	500	0
CCD	MR084051	R1	CY8C26443-24PVXIT	125	5.5	168	300	0
CCD	MR084051	R1	CY8C26443-24PVXIT	125	5.5	1000	300	0
CCD	MR084076	R1	CS6835AT	125	5.5	168	293	0
CCD	MR084076	R1	CS6835AT	125	5.5	1000	293	0
CCD	MR091047	R1	CY8C21334-24PVXI	125	5.5	168	300	0
CCD	MR091047	R1	CY8C21334-24PVXI	125	5.5	1000	296	0
DCD	MR091064	R1	CY25100KSXCF	150	3.8	80	454	0

42 records

Summary for Technology: S4

S4 12282 0

Sum

S8

MID	71904	R2	CY24C16L-3SXIES	150	2.1	80	116	0
MID	071304	R10	7C1404B8BC-**RZWCB	150	3.3	80	119	0
MID	071304	R6A	CY14B104L	150	2.7	80	120	0
MID	071304	R6A	CY14B104L	150	2.7	500	120	0
MID	071304	R8A	CY14B104L	150	2.7	500	119	0
MID	071304	R9	7C1404B6BC-**RZWCB	150	2.7	500	120	0
MID	071904	R2	CY24C16L-3SXIES	150	2.1	500	116	0
MID	071904	R3	CY24C16L-3SXIES	125	2.1	80	116	0
MID	071904	R3	CY24C16L-3SXIES	125	2.1	500	116	0
MID	071904	R4	CY24C16L-3SXIES	125	2.7	80	116	0
MID	071904	R4	CY24C16L-3SXIES	125	2.7	500	116	0
MID	072403	R1A	CYONS2001-LBXC	125	3.8	180	225	0
MID	072403	R1A	CYONS2001-LBXC	125	3.8	300	224	0
MID	072403	R2A	CYONS2100-LBXC	125	3.8	180	448	0
MID	072403	R3A	CYONS2110-LBXC	125	3.8	180	225	0
MID	072403	R3A	CYONS2110-LBXC	125	3.8	300	225	0

CCD	083401	R1	CY8C20466A	125	2.1	168	180	0
CCD	083401	R2	CY8C20466-24LQXI	150	2.1	80	390	0
CCD	083401	R2	CY8C20466-24LQXI	150	2.1	500	390	0
CCD	083401	R4	CY8C20466-24LQXI	150	2.1	80	390	0
CCD	083401	R4	CY8C20466-24LQXI	150	2.1	500	390	0
CCD	083401	R5A	CY8C20466-24LQXI	150	2.1	80	390	0
CCD	083401	R5A	CY8C20466-24LQXI	150	2.1	500	390	0
CCD	084605	R2	CY8C20566-24PVXI	150	2.1	80	390	0
CCD	090301	R1A	CY8C20566-24PVXI	150	2.1	80	120	0
CCD	090301	R1A	CY8C20566-24PVXI	150	2.1	395	60	0
CCD	090301	R1A	CY8C20566-24PVXI	150	2.1	500	60	0
CCD	090301	R1A (1)	CY8C20466-24LQXI	150	2.1	80	60	0
CCD	090301	R1A (1)	CY8C20466-24LQXI	150	2.1	184	60	0
CCD	090301	R1A (1)	CY8C20466-24LQXI	150	2.1	524	60	0
CCD	090301	R1B	CY8C20566-24PVXI	150	2.1	80	60	0
CCD	090301	R1B	CY8C20566-24PVXI	150	2.1	247	60	0
CCD	090301	R1B	CY8C20566-24PVXI	150	2.1	500	60	0
CCD	090301	R1B (1)	CY8C20466-24LQXI	150	2.1	80	60	0
CCD	090301	R1B (1)	CY8C20466-24LQXI	150	2.1	184	60	0
CCD	090301	R1C	CY8C20566-24PVXI	150	2.1	80	60	0
CCD	090301	R1C	CY8C20566-24PVXI	150	2.1	500	60	0
CCD	090301	R1C	CY8C20566-24PVXI	150	2.1	395	60	0
CCD	090301	R1C (1)	CY8C20466-24LQXI	150	2.1	80	60	0
CCD	090301	R1C (1)	CY8C20466-24LQXI	150	2.1	184	60	0
CCD	MR091065	R5	CY8C20466-24LQXI	150	2.1	80	392	0
CCD	MR091065	R5	CY8C20466-24LQXI	150	2.1	500	375	0

42 records

Summary for Technology: S8

S8 7338 0

Sum

R7	MID	MR083070	R1	CY7C1021CV33-10ZXC	150	2.3	512	298	0
	MID	MR083070	R1	CY7C1021CV33-10ZXC	150	2.3	1012	298	0
	MID	MR084083	R1	7A132101GC-RZWEB	150	2.3	408	500	0

3 records

Summary for Technology: R7

R7 1096 0

Sum



Technology	Mid	Part	Qty	Rate	Cost	Count	Cost	
R95	MID	083910 R1 7A62147FC-RZWEB	125	1.85	1000	80	0	
	MID	084612 R1 CY62177EV30LL	150	1.85	432	100	0	
	MID	084612 R2 CY62177EV30LL	150	1.85	432	99	0	
	MID	084612 R3 CY62177EV30LL	150	1.85	432	100	0	
	MID	MR082051 R1 CY62128EV30LL-45ZXI	125	1.85	168	674	0	
	MID	MR082051 R1 CY62128EV30LL-45ZXI	125	1.85	1000	674	0	
	MID	MR083068 R1 CY62157EV30LL-45ZSXI	125	1.85	168	499	0	
	MID	MR083068 R1 CY62157EV30LL-45ZSXI	125	1.85	1000	499	0	
8 records								
Summary for Technology: R95						R95	2725	0
Sum								



Summary Detail -- DRET Performance Over Time

	DIVISION	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	DURATION	SS	REJECT	FA	COMMENTS
TECHNOLOGY												
L28	MID	080608	R1	CY2077EFSXC	150	0	500		77	0		
	MID	080608	R1	CY2077EFSXC	150	0	1000		77	0		
									2 records			
Summary for Technology: L28								L28	154	0		
Sum												
S4	CCD	073601	R1A	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R1B	CY8C21534-24PVXI	150	0	2000		25	0		
	CCD	073601	R1C	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R2A	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R2B	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R2C	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R3A	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R3B	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	073601	R3C	CY8C21534-24PVXI	150	0	2000		26	0		
	CCD	075103	R1A	CY8CLED04D0CD1-56ES	150	0	500		90	0		
	CCD	075103	R1A	CY8CLED04D0CD1-56ES	150	0	1000		90	0		
	CCD	075103	R2A	CY8CLED04DOCD1-56ES	150	0	500		82	0		
	CCD	075103	R2A	CY8CLED04DOCD1-56ES	150	0	1000		82	0		
	CCD	075103	R4	CY8CLED04G01-56LTXI	150	0	500		80	0		
	CCD	075103	R4	CY8CLED04G01-56LTXI	150	0	1000		80	0		
	CCD	075103	R5	CY8CPWR01-56TXI	150	0	500		80	0		
	CCD	075103	R5	CY8CPWR01-56TXI	150	0	1000		80	0		
	CCD	080201	R1A	CY8C24494-24PVXI	150	0	1000		33	0		
	CCD	080201	R1B	CY8C24494-24PVXI	150	0	1000		33	0		
	CCD	080201	R1C	CY8C24494-24PVXI	150	0	1000		33	0		
	CCD	082001	R1	CY8C294665-24PVXI	150	0	500		80	0		
	CCD	082001	R1	CY8C294665-24PVXI	150	0	1000		80	0		
	CBD	082201	R1	CY8C22545-24AXI	150	0	500		85	0		
	CBD	082201	R1	CY8C22545-24AXI	150	0	1000		85	0		
	CCD	083201	R1	CY7C63813-PXC	150	0	500		77	0		
	CCD	083201	R1	CY7C63813-PXC	150	0	1000		77	0		
	DCD	083406	R1	7C638115AK-RAPZC	150	0	500		77	0		

DCD	083406	R1	7C638115AK-RAPZC	150	0	1000	77	0
MID	090405	R1	CY8C24894-24LFXI	150	0	1008	80	0
CCD	MR081032	R1	CY8C24533-24PVXI	150	0	1000	78	0
CCD	MR082042	R1	CY8C29466-24PVXI	175	0	288	80	0
CCD	MR082042	R1	CY8C29466-24PVXI	175	0	408	80	0
CCD	MR082059	R1	CP6458BM	175	0	288	79	0
CCD	MR082059	R1	CP6458BM	175	0	408	79	0
CCD	MR082067	R1	CY8C27443-24PVXI	150	0	1000	80	0
CCD	MR082067	R1	CY8C27443-24PVXI	175	0	288	78	0
CCD	MR083046	R1	CY8C24223A-24PVXI	175	0	144	80	0
CCD	MR083046	R1	CY8C24223A-24PVXI	175	0	288	80	0
CCD	MR083046	R1	CY8C24223A-24PVXI	175	0	408	80	0
CCD	MR083046	R1	CY8C24223A-24PVXI	150	0	500	80	0
CCD	MR083046	R1	CY8C24223A-24PVXI	150	0	1000	80	0
CCD	MR083056	R1A	CY7C64215-28PVXC	175	0	144	80	0
CCD	MR083056	R1A	CY7C64215-28PVXC	175	0	288	80	0
CCD	MR083056	R1A	CY7C64215-28PVXC	175	0	408	80	0
CCD	MR083056	R1A	CY7C64215-28PVXC	150	0	500	80	0
CCD	MR083056	R1A	CY7C64215-28PVXC	150	0	1000	80	0
MID	MR083075	R1	CY8C26443-24PVXI	175	0	288	80	0
MID	MR083075	R1	CY8C26443-24PVXI	175	0	408	80	0
MID	MR083075	R1	CY8C26443-24PVXI	150	0	500	80	0
MID	MR083075	R1	CY8C26443-24PVXI	150	0	1000	80	0
CCD	MR084051	R1	CY8C26443-24PVXIT	150	0	500	80	0
CCD	MR084051	R1	CY8C26443-24PVXIT	150	0	1000	80	0
CCD	MR084076	R1	CS6835AT	150	0	1000	80	0
CCD	MR084076	R1	CS6835AT	175	0	288	80	0
CCD	MR084076	R1	CS6835AT	175	0	408	76	0
CCD	MR084076	R1	CS6835AT	150	0	500	80	0
CCD	MR084076	R1	CS6835AT	150	0	737	80	0
CCD	MR091047	R1	CY8C21334-24PVXI	175	0	288	80	0
CCD	MR091047	R1	CY8C21334-24PVXI	175	0	408	80	0
CCD	MR091047	R1	CY8C21334-24PVXI	150	0	500	62	0

CCD	MR091047	R1	CY8C21334-24PVXI	150	0	1000	62	0
CCD	RR092006	R1	CP6659AMT	150	0	12	32	0
CCD	RR092006	R2	CP6801ATT	150	0	12	40	0
CCD	RR092006	R3	CY8C21534-24PVXAT	150	0	12	47	0

64 records

Summary for Technology: S4

S4 4347 0

Sum
S8

MID	071304	R11A	7C1404B8BC-**RZWCB	150	0	1000	80	0
MID	071304	R11A	7C1404B8BC-**RZWCB	150	0	500	80	0
MID	071304	R12A	7C1404B8BC-**RZWC	150	0	1000	80	0
MID	071304	R12A	7C1404B8BC-**RZWC	150	0	500	80	0
MID	071304	R8	CY14B104L	150	0	1000	77	0
MID	071304	R8	CY14B104L	150	0	500	77	0
MID	071904	R2	CY24C16L-3SXIES	150	0	1000	77	0
MID	071904	R2	CY24C16L-3SXIES	150	0	500	77	0
MID	071904	R3	CY24C16L-3SXIES	150	0	1000	77	0
MID	071904	R3	CY24C16L-3SXIES	150	0	500	77	0
MID	071904	R3	CY24C16L-3SXIES	150	0	556	77	0
MID	071904	R4	CY24C16L-3SXIES	150	0	1000	76	0
MID	071904	R4	CY24C16L-3SXIES	150	0	109	76	0
MID	071904	R4	CY24C16L-3SXIES	150	0	1500	75	0
MID	071904	R4	CY24C16L-3SXIES	150	0	500	76	0
MID	072403	R1	CYONS2001-LBXC	150	0	1000	77	0
MID	072403	R1	CYONS2001-LBXC	150	0	168	77	0
MID	072403	R1	CYONS2001-LBXC	150	0	500	77	0
MID	072403	R2	CYONS2100-LBXC	150	0	1000	76	0
MID	072403	R2	CYONS2100-LBXC	150	0	500	77	0
MID	072403	R3	CYONS2110-LBXC	150	0	1000	74	0
MID	072403	R3	CYONS2110-LBXC	150	0	168	76	0
MID	072403	R3	CYONS2110-LBXC	150	0	500	74	0
CCD	083401	R1	CY8C20466A	150	0	1000	76	0
CCD	083401	R1	CY8C20466A	150	0	500	77	0
CCD	083401	R2	CY8C20466-24LQXI	150	0	1000	77	0
CCD	083401	R2	CY8C20466-24LQXI	150	0	500	77	0

CCD	083401	R4	CY8C20466-24LQXI	150	0	1000	78	0
CCD	083401	R4	CY8C20466-24LQXI	150	0	168	78	0
CCD	083401	R4	CY8C20466-24LQXI	150	0	400	78	0
CCD	083401	R4	CY8C20466-24LQXI	150	0	500	78	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	1000	75	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	1500	69	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	168	77	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	400	77	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	500	77	0
CCD	083401	R4A	CY8C20566-24PVXI	150	0	609	75	0
CCD	083401	R5	CY8C20566-24PVXI	150	0	1000	78	0
CCD	083401	R5	CY8C20566-24PVXI	150	0	500	78	0
CCD	084605	R1	CY8C20566-24PVXI	250	0	168	77	0
CCD	084605	R2	CY8C20566-24PVXI	150	0	1000	80	0
CCD	084605	R2	CY8C20566-24PVXI	150	0	1500	80	0
CCD	084605	R2	CY8C20566-24PVXI	150	0	2000	80	0
CCD	084605	R2	CY8C20566-24PVXI	150	0	500	80	0
CCD	084605	R3	CY8C20566-24PVXI	150	0	1000	80	0
CCD	084605	R3	CY8C20566-24PVXI	150	0	1500	80	0
CCD	084605	R3	CY8C20566-24PVXI	150	0	2000	80	0
CCD	084605	R3	CY8C20566-24PVXI	150	0	500	80	0

48 records

Summary for Technology: S8

Sum

S8 3712 0



FROM: 6/28/2008
TO: 06/28/2009

Summary Detail -- HAST Performance Over Time

BUILDKIT	ASSY SITE	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	SS	REJECT	FA	COMMENTS
FBGA (0.75-0.8, 0.3mm)											
BA48DJALE	G-TAIWAN	073905	R5	CY62177DV30L	130	3.63	128	45	0		
BA48CRALE	T-OSE	MR082018	R1	CY62137CVSL-70BAI	110	3.6	264	80	0		
Summary for Package Family: FBGA (0.75-0.8, 0.3mm)			2	records							
Sum								125	0		
FBGA (0.75-0.8, 0.3mm, Pb-free)											
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	130	3.6	128	25	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	110	3.6	264	23	0		
BK48CDGLL	G	MR091060	R1	CY7C1041CV33-10BAXA	110	3.65	264	25	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	110	3.65	264	25	0		
Summary for Package Family: FBGA (0.75-0.8, 0.3mm, Pb-free)			4	records							
Sum								98	0		
FBGA (1.0-1.27, Pb-free)											
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	110	1.98	264	77	0		
BW165AZALL	AT	083601	R2	CY7C1512V18-200BZXC	130	1.98	264	74	0		
Summary for Package Family: FBGA (1.0-1.27, Pb-free)			2	records							
Sum								151	0		
PDIP (Pb-Free)											
PZ286EAAGN	X	092014	R1	CY62256NLL-70PXC	130	5.5	128	77	0		
PZ183DAGN	RA-CML	MR081069	R1	CY7C63723C-PXC	130	5.5	128	80	0		
PZ2831HAAS	O	MR082064	R1	CY7C199CN-15PXC	130	5.5	128	79	0		
PZ183DBGN	RA-CML	MR083022	R1	CY7C63723C-PXC	130	5.5	128	78	0		
PZ183AXGN	O-OMEDATA	MR083039	R1	CS6632AF	130	3.63	128	80	0		
PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	130	5.5	128	79	0		
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	130	5.5	128	80	0		
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	130	5.25	128	80	0		
PZ183DBGN	RA	MR084050	R1	CS6632AF	130	5.5	128	70	0		
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	130	5.5	128	80	0		
PZ283AAAGN	X	MR091044	R1	CG6993AM	130	5.25	128	25	0		
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	130	5.25	128	25	0		
Summary for Package Family: PDIP (Pb-Free)			12	records							
Sum								833	0		
PLCC											
J32RBGAAGB	X-MMT	MR081030	R1A	CY7C4231V-15JC	130	3.63	128	39	0		
J32RBGAAGB	X-MMT	MR082017	R1	CY7B9911V-5JCT	130	3.6	128	40	0		
J32RBGAAGB	X-MMT	MR082017	R1A	CY7B9911V-5JC	130	3.6	128	40	0		
J32RBGAAGB	X	MR083024	R1A	CY7B991V-5JIT	130	3.6	128	40	0		
Summary for Package Family: PLCC			4	records							
Sum								159	0		
PLCC (Pb-Free)											
JZ32RBGAN	M-PHILS	MR081063	R1	CY7B991-5JXC	130	3.63	128	40	0		
JZ32RBGAN	M-PHILS	MR081063	R1A	CY7B991-5JXC	130	3.63	128	40	0		

JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	130	5.5	128	39	0
JZ52SFGAN	M-PHILS	MR083026	R1A	CY7C131-55JXC	130	5.5	128	39	0
JZ28SBGAN	M-PHILS	MR091037	R1	CY7B933-JXC	130	5.5	128	25	0
Summary for Package Family: PLCC (Pb-Free)				5	records				
Sum								183	0
QFN (0.4mm, Saw Type, Pb-free)									
LN32AAAAAL	CA-MALAYSIA	MR083049	R1	CP7052ATT	130	5.25	128	25	0
LN32AAAAAL	CA-MALAYSIA	MR084040	R1	CP7052ATT	130	5.25	128	24	0
LN32AAAAAL	CA-MALAYSIA	MR091052	R1	CP7052BTT	130	5.25	128	23	0
Summary for Package Family: QFN (0.4mm, Saw Type, Pb-free)				3	records				
Sum								72	0
QFN (0.6mm, Punch Type, Pb-Free)									
LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	130	5.25	128	77	0
LK32AABAG	L-KOREA	MR084008	R1	CY8C20434-12LKXI	130	5.25	128	25	0
LK32AABAGL	L-KOREA	MR091011	R1	CY8C20434-12LKXIT	130	5.25	128	25	0
LK32AABAGL	L-KOREA	MR092044	R1	CY8C20434-12LKXIT	130	5.25	128	25	0
Summary for Package Family: QFN (0.6mm, Punch Type, Pb-Free)				4	records				
Sum								152	0
QFN (0.6mm, Saw Type, Pb-Free)									
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	130	3.3	128	78	0
LQ32DAGLL	CA-MALAYSIA	083401	R1	CY8C20466A	130	5.25	128	77	0
LQ32DAGLL	CA-MALAYSIA	083401	R2	CY8C20466-24LQXI	130	5.25	128	77	0
LQ32DAGLL	CA-MALAYSIA	083401	R2	CY8C20466-24LQXI	130	5.25	256	77	0
LQ32DAGLL	CA-MALAYSIA	083401	R4	CY8C20466-24LQXI	130	5.25	128	77	0
LQ32ACAAGL	MB	083909	R1	CY8C204345-12LQXI	130	5.25	128	77	0
LQ32ACAAGL	MB	083909	R2	CY8C204345-12LQXI	130	5.25	128	77	0
LQ24AAAAAL	RA	084602	R4	CY8C20324-12LQXI	130	5.25	128	39	0
LQ24AAAAAL	RA	084602	R4	CY8C20324-12LQXI	130	5.25	128	40	0
LQ32ACAAGL	M	084609	R1	CY24292LFXI	130	3.63	128	77	0
LQ32DAGLL	CA-MALAYSIA	090301	R1A (1)	CY8C20466-24LQXI	130	5.25	128	77	0
LQ32DAGLL	CA-MALAYSIA	090301	R1B (1)	CY8C20466-24LQXI	130	5.25	128	77	0
LQ32DAGLL	CA-MALAYSIA	090301	R2B (1)	CY8C20466-24LQXI	130	5.25	128	76	0
LQ24ABAAL	AT-INDONESIA	MR083053	R1	CY8C20324-12LQXI	130	5.25	128	39	0
LQ24ABAAL	AT-INDONESIA	MR084039	R1	CY8C20324-12LQXI	130	5.25	128	20	0
LQ24ABAAL	AT-INDONESIA	MR084039	R1	CY8C20324-12LQXI	130	5.25	128	5	0
LQ24ABAAL	AT-INDONESIA	MR091040	R1	CP6836ATT	130	5.25	128	24	0
LQ24ABAAL	AT-INDONESIA	MR092009	R1	CY8C20324-12LQXI	130	5.25	128	25	0
LQ32DAGLL	CA-MALAYSIA	MR092054	R1	CY8C20466-24LQXI	130	5.25	128	25	0
Summary for Package Family: QFN (0.6mm, Saw Type, Pb-Free)				19	records				
Sum								1064	0
QFN (COL, 0.6mm, Saw Type, Pb-free)									
LG16AAAAAL	M	084404	R4	CY8C20246-24LKXI	130	5.25	128	30	0
LG16AAAAAL	M-PHILS	MR082028	R1	CY8C20234-12LKXI	130	5.25	128	40	0
LG16AAAAAL	M-PHILS	MR082028	R1A	CY8C20234-12LKXI	130	5.25	128	39	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	130	5.25	128	39	0
LG16AAAAAL	M	MR083048	R1A	CY8C20122-LDX2I	130	5.25	128	40	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	130	5.25	128	40	0
Summary for Package Family: QFN (COL, 0.6mm, Saw Type, Pb-free)				6	records				
Sum								228	0

QFN (Punch Type, Pb-Free)

LY32BGAGL	RA-CML	083604	R1	CY8C21434-24LFXI	130	5.25	128	78	0
LY32BGAGL	RA-CML	083905	R1	CY8C21434-24LFXI	130	5.25	128	77	0
LY56DGAGL	L-KOREA	090405	R1	CY8C24894-24LFXI	130	5.25	96	77	0
LY56DGAGL	L-KOREA	090405	R2	CY8C24894-24LFXI	130	5.25	96	77	0
LY56DGAGL	L-KOREA	090405	R3	CY8C24894-24LFXI	130	5.25	96	77	0
LY32AAAGR	L-KOREA	MR082048	R1	CG6672AMT	130	5.25	128	77	0
LY68AGABGL	L-KOREA	MR084009	R1	CS6656AAT	130	5.25	128	54	0
LY68AGABGL	L-KOREA	MR084009	R1A	CS6656AAT	130	5.25	128	24	0
LY32AAAGR	L-KOREA	MR084015	R1	CY8C21434-24LFXI	130	5.25	128	25	0
LY68AGAAGL	L-KOREA	MR091024	R1	CY8CLED04-68LFXI	130	5.25	128	25	0
LY40ABGAGL	L-KOREA	MR091030	R1	CS7067AT	130	3.63	128	23	0
LY32AAAGR	L-KOREA	MR091032	R1	CS6624AA	130	5.25	128	24	0
LY32AAAGR	L-KOREA	MR092041	R1	CY8C21434-24LFXI	130	5.25	128	25	0

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

13 records

Sum 663 0

QFN (Saw Type, Pb-free)

LT56ABAAGL	CA-MALAYSIA	075103	R2(1)	CY8CLED04DOCD1-56ES	130	5.5	128	20	0
LT56ABAAGL	CA-MALAYSIA	075103	R3	CY8CLED04D01-56LTXI	130	5	128	83	0
LT56ABAAGL	CA-MALAYSIA	075103	R4	CY8CLED04G01-56LTXI	130	5	128	80	0
LT32BGAGL	RA-CML	082902	R1	CY8C21434-24LTXI	130	5.25	128	79	0
LT48ABAAGR	CA-MALAYSIA	083701	R2	CYWUSB6934-48LTXC	130	5	128	77	0
LT48ABAAGR	CA-MALAYSIA	083701	R3	CYWUSB6934-48LTXC	130	5	128	40	0
LT32BAAGGL	M	083907	R1	CY8C21434-24LTXI	130	5.25	128	77	0
LT32BAAGGL	M	083907	R2	CY8C21434-24LTXI	130	5.25	128	77	0
LT68ABCAGL	AE	084005	R1	CY8C24994-24LTXI	130	5.25	128	80	0
LT68ABCAGL	AE	084005	R2	CY8C24994-24LTXI	130	5.25	128	80	0
LT68ABCAGL	AE	084005	R4	CY8C24994-24LTXI	130	5.25	128	80	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	130	5.25	128	77	0
LT32BBACGL	AE	084007	R3	CY8C21434-24LTXI	130	5.25	128	77	0
LT32BBACGL	AE	084007	R4	CY8C21434-24LTXI	130	5.25	128	77	0
LT32BBACGL	AE	084007	R6	CY8C21434-24LTXI	130	5.25	128	77	0
LT32BAABGL	RA	092002	R1	CY8C21434-24LTXI	130	5.25	128	75	0
LT32BAAAGL	CA-MALAYSIA	MR083038	R1	CG7032AA	130	5.25	128	77	0
LT32BAAAGL	CA-MALAYSIA	MR084041	R1	CG7032AA	130	5.25	128	25	0
LT32BAABGL	RA-CML	MR091009	R1	CG7032AA	130	5.25	128	25	0
LT32BAABGL	RA-CML	MR092034	R1	CY8C21434-24LTXI	130	5.25	128	25	0

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

20 records

Sum 1308 0

QSOP (Pb-Free)

SQ2414ABGN	R-CML	MR083023	R1	CY7C63743C-QXC	130	5.5	128	80	0
SQ2414ABGN	R-CML	MR091002	R1	CY7C63743C-QXC	130	5.5	128	25	0
SQ2414ABGN	R-CML	MR092005	R1	CY7C63743C-QXC	130	5.5	128	25	0

Summary for Package Family: QSOP (Pb-Free)

3 records

Sum 130 0

RTSOP (Pb-free)

ZY28R2ALN	R-CML	MR083030	R1	CY62256VNULL-70ZRXT	130	3.63	128	39	0
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ZY28R2ALN	R-CML	MR083030	R1A	CY62256VNLL-70ZRKIT	130	3.63	128	39	0
ZY28R2BLN	R-CML	MR091010	R1	CY62256NLL-70ZRKIT	130	5.5	128	25	0
Summary for Package Family: RTSOP (Pb-free)				3 records					
Sum								103	0
SNC (Pb-Free)									
SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	130	5.5	128	40	0
SY2831BBLN	R-CML	MR083016	R1A	CY62256NLL-70SNXCT	130	5.5	128	40	0
SY2831BBLN	R-CML	MR084004	R1	CG7107AM	130	3.63	128	40	0
SY2831BBLN	R-CML	MR084004	R1A	CG7107AM	130	3.63	128	40	0
SY2831BBLN	R-CML	MR091007	R1	CY62256NLL-70SNXCT	130	5.5	128	45	0
SY2831BBLN	R-CML	MR092021	R1	CY62256NLL-70SNXCT	130	5.5	128	25	0
Summary for Package Family: SNC (Pb-Free)				6 records					
Sum								230	0
SOIC									
S0815BAAGB	O-OMEDATA	MR082062	R1	CY2304SI-1T	130	3.63	128	80	0
S0815PBAGN	RA-CML	MR091017	R1	CY2305SI-1HT	130	3.8	128	25	0
S0815PBAGN	RA-CML	MR092027	R1	CY2305SC-1HT	130	3.63	128	25	0
Summary for Package Family: SOIC				3 records					
Sum								130	0
SOIC (J-Lead)									
V243GAAAGN	X-THAILAND	090302	R1	CY7C197BN-15VC	130	5.5	128	80	0
V243GAAAGN	X-THAILAND	090302	R2	CY7C197BN-15VC	130	5.5	128	80	0
V243GAAAGN	X-THAILAND	090302	R4	CY7C197BN-15VC	130	5.5	128	79	0
V243GGABLE	O-INDONESIA	MR082063	R1	CY7C197BN-15VC	130	5.5	128	78	0
V243GGABLE	O-INDONESIA	MR083037	R1	CY7C197BN-15VCT	130	5.5	128	80	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	130	5.5	128	25	0
Summary for Package Family: SOIC (J-Lead)				6 records					
Sum								422	0
SOIC (J-Lead, Pb-Free)									
VZ24	X-THAILAND	091906	R1	7C197B	130	5.5	128	77	0
VZ24	X-THAILAND	091906	R2	7C197BN	130	5.5	128	72	0
VZ32420GLL	R-CML	MR081008	R1	CY7C109D-10VXI	130	5.5	128	40	0
VZ444WAGL	R-CML	MR081050	R1	CY7C1021B-12VXC	130	5.5	128	38	0
VZ444WAGL	R-CML	MR081050	R1A	CY7C1020B-12VXC	130	5.5	128	37	0
VZ3646BGLL	R-CML	MR082009	R1	CY7C1049CV33-10VXC	130	3.65	128	40	0
VZ3646BGLL	R-CML	MR082009	R1A	CY7C1049CV33-10VXC	130	3.65	128	37	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	130	3.3	128	77	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	130	3.65	128	40	0
VZ444AABLL	R-CML	MR083035	R1A	CY7C1021DV33-10VXI	130	3.65	128	40	0
VZ3646BGLL	R-CML	MR084001	R1	CY7C1049CV33-10VXCT	130	3.65	128	25	0
VZ28313BLN	R-CML	MR084019	R1	CY7C1399BN-12VXIT	130	3.63	128	80	0
VZ28313BLN	R-CML	MR091045	R1	CY7C1399BN-12VXCT	130	3.63	128	25	0
VZ3649BALN	R-CML	MR091046	R1	CG7119AM	130	3.65	128	25	0
VZ28313BLN	R-CML	MR092026	R1	CY7C1399BN-12VXCT	130	3.63	128	25	0
VZ32420BLL	R-CML	MR092036	R1	CY7C1019DV33-10VXI	130	3.63	128	25	0
Summary for Package Family: SOIC (J-Lead, Pb-Free)				16 records					
Sum								703	0
SOIC (Pb-Free)									
SZ815VAGN	M-PHILS	071904	R2	CY24C16L-3SXIES	130	3.63	128	76	0

SZ815VAGN	M-PHILS	071904	R3	CY24C16L-3SXIES	130	3.63	128	77	0
SZ1615FAL	T-TAIWAN	MR081049	R1	CY2309CSXC-1	130	3.63	128	80	0
SZ28327BGL	R-CML	MR082006	R1	CY8C27443-24SXI	130	5.25	128	40	0
SZ28327BGL	R-CML	MR082006	R1	CY8C27443-24SXI	130	5.25	128	40	0
SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	130	5.5	128	40	0
SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	130	5.5	256	24	0
SZ183CGAN	RA-CML	MR082012	R1A	CY7C63723C-SXC	130	5.5	128	40	0
SZ1615EGN	M-PHILS	MR082025	R1	CY2309NZSXC-1H	130	3.8	128	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	130	3.8	128	39	0
SZ1615DGN	M-PHILS	MR083009	R1A	CY2292SXL-1X6T	130	3.8	128	39	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	130	3.6	128	78	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	130	5.25	128	40	0
SZ28327BGL	R-CML	MR083018	R1A	CY8C27443-24SXIT	130	5.25	128	39	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	130	5.5	128	40	0
SZ183CBGAN	RA-CML	MR083019	R1A	CY7C63723C-SXC	130	5.5	128	40	0
SZ183CBGAN	RA-CML	MR083019	R1A	CY7C63723C-SXC	130	5.5	256	25	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	130	3.63	128	80	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	110	3.63	264	25	0
SZ2035BAL	R-CML	MR084005	R1	CY8C24223A-24SXI	130	5.25	128	40	0
SZ2035BAL	R-CML	MR084005	R1A	CY8C24223A-24SXI	130	5.25	128	17	0
SZ815DAGN	M-PHILS	MR084018	R1	CY2304SXI-2	130	3.63	128	80	0
SZ1615BKGN	RA-CML	MR084020	R1	CY2309SXC-1HT	130	3.8	128	25	0
SZ183CBGAN	RA-CML	MR084026	R1	CY7C63723C-SXC	130	5.5	128	40	0
SZ183CBGAN	RA-CML	MR084026	R1A	CY7C63723C-SXC	130	5.5	128	40	0
SZ24315BGN	RA-CML	MR084029	R1	CY7C63743C-SXC	130	5.5	128	46	0
SZ24312BGN	R-CML	MR084033	R1	CY7C63743C-SXC	130	5.5	128	40	0
SZ24312BGN	R-CML	MR084033	R2	CY7C63743C-SXC	130	5.5	128	40	0
SZ815PABGN	RA-CML	MR084061	R1	CY25560SXCT	130	3.63	128	25	0
SZ1615FAL	T-TAIWAN	MR084072	R1	CY2309CSXC-1T	130	3.63	128	25	0
SZ2035BAL	R-CML	MR091001	R1	CY8C27243-24SXI	130	5.25	128	25	0
SZ183CBGAN	RA-CML	MR091003	R1	CY7C63723C-SXC	130	5.5	128	25	0
SZ32457BLN	R-CML	MR091004	R1	CY62128ELL-45SXIT	130	3.8	128	25	0
SZ1615BKGN	RA-CML	MR091016	R1	CY2308SXC-2T	130	3.8	128	25	0
SZ1615EGN	M-PHILS	MR091020	R1	CY2309SXI-1HT	130	3.8	128	25	0
SZ2035BAL	R-CML	MR092003	R1	CY8C27243-24SXI	130	5.25	128	25	0
SZ183CBGAN	RA-CML	MR092024	R1	CY7C63723C-SXC	130	5.5	128	25	0
SZ1615FAL	T-TAIWAN	MR092025	R1	CY23EP09SXC-1HT	130	3.63	128	25	0
SZ815PAGN	RA-CML	NR081002	R14	CY22560SXI	130	3.63	128	80	0

Summary for Package Family: SOIC (Pb-Free)

39 records

Sum 1640 0

SSOP (Pb-Free)

SP2822BGL	T-Taiwan	072502	R3A	CY8C294665-24PVXI	130	5.25	128	77	0
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	130	5.25	128	77	0
SP483ACGAN	R	090301	R1A	CY8C20566-24PVXI	130	5.25	128	77	0
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	130	5.25	128	77	0
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	130	5.25	256	77	0
SP483ACGAN	R	090301	R1C	CY8C20566-24PVXI	130	5.25	128	76	0
SP483ACGAN	R	090301	R2B	CY8C20566-24PVXI	130	5.25	128	77	0
SP28214GL	T-OSE	MR082013	R1	CY8C26443-24PVX	110	5.25	264	80	0

SP2822BGL	M-PHILS	MR082038	R1	CY8C24423A-12PVXE	130	5.25	128	39	0
SP2822BGL	M-PHILS	MR082038	R1A	CY8C24423A-12PVXE	130	5.25	128	40	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	130	5.25	96	77	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	130	3.63	128	38	0
SP563BBBG	R-CML	MR083011	R1A	CY7C68013A-56PVXC	130	3.63	128	39	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	130	5.25	128	40	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	130	5.25	256	80	0
SP28215BGL	RA-CML	MR083021	R1A	CY8C21534-24PVXI	130	5.25	128	40	0
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	110	5.25	264	25	0
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	130	5.25	128	70	0
SP483HAAAGR	M	MR084043	R1	CY14B101L-SP45XC	130	3.63	128	77	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	130	5.25	96	76	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	130	5.25	128	25	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	130	5.25	96	25	0
SP2822BGL	M	MR091042	R1	CP6801ATT	130	5.25	96	25	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	110	5.25	264	25	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	130	5.25	128	25	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	130	5.25	128	25	0
Summary for Package Family: SSOP (Pb-Free)				26	records				
Sum								1409	0
TQFP									
A32LXGXGB	Q-KOREA	MR082024	R1	CY29948AC	130	3.63	128	40	0
A32LXGXGB	Q	MR082024	R1A	CY29948AC	130	3.63	128	38	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	130	3.63	128	25	0
Summary for Package Family: TQFP				3	records				
Sum								103	0
TQFP (Pb-Free)									
AZ32GXGAN	G-ASE	MR082020	R1	CY29942AXI	130	3.63	128	40	0
AZ32GXGAN	G-TAIWAN	MR082020	R1A	CY22942AXI	130	3.63	128	40	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	130	3.63	128	40	0
AZ32BXGAN	Q	MR083031	R1A	CY7C4251V-25AXC	130	3.63	128	40	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	130	3.63	128	35	0
AZ100SEAL	RA	MR083032	R1A	CY7B994V-5AXI	130	3.63	128	39	0
AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	130	3.6	128	79	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	130	3.6	128	25	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	130	5.25	128	25	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	130	3.63	128	25	0
Summary for Package Family: TQFP (Pb-Free)				10	records				
Sum								388	0
TSOP (Pb-free)									
ZT48AKAALL	T	084612	R2	CY62177EV30LL	130	3.6	96	34	0
ZT48AKAALL	T	084612	R2	CY62177EV30LL	130	3.6	96	45	0
ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	130	3.63	128	39	0
ZT28R4BGL	R-CML	MR083028	RIA	CY7C1399BN-12ZXC	130	3.63	128	39	0
ZT32RABALL	T-OSE	MR083051	R1	CY62128BLL-70ZXC	110	5	264	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	130	3.6	128	39	0
ZT32RAEBLN	RA	MR084006	R1A	CG6708AMT	130	3.6	128	36	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	110	5.5	264	25	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	130	3.63	128	39	0

ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	130	5.5	128	25	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	130	3.6	128	25	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	130	3.6	264	25	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNNLL-70ZXCT	130	5.5	128	24	0
Summary for Package Family: TSOP (Pb-free)			13	records				475	0
Sum								475	0
TSOP I (Pb-Free)									
ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	130	5.5	128	79	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	130	3.6	128	25	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	130	3.6	128	24	0
Summary for Package Family: TSOP I (Pb-Free)			3	records				128	0
Sum								128	0
TSOP II (Pb-Free)									
ZW444GALL	R-CML	071304	R6A	CY14B104L	130	5.5	128	77	0
ZW444GALL	R-CML	071304	R6A	CY14B104L	130	5.5	256	59	0
ZW444GALL	R-CML	071304	R8	CY14B104L	130	5.5	128	80	0
ZW444GALL	R	071304	R9	7C1404B6BC-**RZWCB	130	5.5	128	80	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	130	3.65	128	40	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSX	130	3.63	128	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	130	3.6	128	75	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	130	3.65	96	76	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	130	3.6	128	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	130	3.63	128	75	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	130	3.65	128	39	0
ZW544AALL	G	MR084038	R1A	CY7C1061AV33-10ZXC	130	3.65	128	39	0
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	130	3.6	96	25	0
ZW544AALL	G	MR091027	R1	CS6729AT	130	3.65	128	25	0
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSX	130	3.63	128	25	0
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	130	3.6	128	23	0
Summary for Package Family: TSOP II (Pb-Free)			16	records				898	0
Sum								898	0
TSSOP									
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	130	3.8	128	77	0
Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	130	3.8	128	25	0
Summary for Package Family: TSSOP			2	records				102	0
Sum								102	0
TSSOP (Pb-Free)									
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	130	3.63	128	78	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	130	3.8	128	65	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	130	3.68	128	77	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	130	3.8	128	25	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	130	3.63	128	25	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	130	3.8	128	25	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	130	6	128	24	0
Summary for Package Family: TSSOP (Pb-Free)			7	records				319	0
Sum								319	0
VFBGA (0.75-0.8, 0.3mm)									
BV48ABEAL	AT	MR092012	R1	CY62167EV30LL-45BVI	110	3.6	264	25	0

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

1 records

								25	0
Sum									
VFBGA (0.75-0.8, 0.3mm, Pb-Free)									
BZ56FAALE	G-ASE	MR081037	R1A	CY7C68053-56BAX	130	3.63	128	39	0
BZ56IAAAGL	AIT-INDONESIA	MR081053	R1	CY7C68053-56BAXI	110	3.63	264	35	0
BZ56IAAAGL	AT-THAILAND	MR081053	R1A	CY7C68053-56BAXI	110	3.63	264	38	0
BZ56GABGL	RA-CML	MR083005	R1	CY7C68053-56BAXIT	110	3.63	264	38	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	130	3.63	128	80	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	130	3.6	264	25	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	130	3.63	128	25	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	130	3.63	128	25	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	130	3.6	128	29	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	110	3.63	264	24	0
BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	130	3.63	128	15	0
BZ100DGALL	RA	MR084073	R1A	CYWB0124AB-BVXIT	110	3.63	264	15	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	110	3.6	264	23	0
BZ48ABLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	110	3.6	264	25	0
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	110	3.6	264	24	0
BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	110	3.6	264	25	0

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

16 records

								485	0
Sum									

Summary Detail -- HTS Performance Over Time

BUILDKIT	ASSY SITE	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	SS	REJECT	FA	COMMENTS
FBGA (0.75-0.8, 0.3mm, Pb-free)											
BK60AAALE	G-TAIWAN	MR082069	R1	CY7C1061AV33-10BAXI	150	0	500	80	0		
BK60AAALE	G-TAIWAN	MR082069	R1	CY7C1061AV33-10BAXI	150	0	1000	80	0		
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	150	0	500	80	0		
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	150	0	1000	80	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	150	0	500	79	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	150	0	1000	79	0		
BK48CDGLL	G	MR091060	R1	CY7C1041CV33-10BAXA	150	0	1000	80	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	150	0	1000	30	0		
Summary for Package Family: FBGA (0.75-0.8, 0.3mm, Pb-free)			8	records							
Sum								588	0		
FBGA (1.0-1.27)											
BB165AVLE	RA-CML	MR082070	R1	CY7C1313BV18-250BZC	150	0	1000	78	0		
BB172AAALE	G	MR084070	R1	CY7C057V-15BBI	150	0	500	80	0		
BB172AAALE	G	MR084070	R1	CY7C057V-15BBI	150	0	1000	80	0		
BB100CAALE	G	MR091023	R1	CYP15G010DXB-BBC	150	0	500	80	0		
BB100CAALE	G	MR091023	R1	CYP15G010DXB-BBC	150	0	1000	80	0		
BB165ALLE	G	MR092017	R1	CY7C1312BV18-200BZC	150	0	500	30	0		
BB165ALLE	G	MR092017	R1	CY7C1312BV18-200BZC	150	0	1000	30	0		
Summary for Package Family: FBGA (1.0-1.27)			7	records							
Sum								458	0		
FBGA (1.0-1.27, Pb-free)											
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	150	0	500	77	0		
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	150	0	1000	77	0		
BW100EAGL	G-TAIWAN	MR083027	R1	CYP15G010DXB-BBXI	150	0	500	80	0		
BW100EAGL	G-TAIWAN	MR083027	R1	CYP15G010DXB-BBXI	150	0	1000	80	0		
BW100EAGL	G	MR084067	R1	CYP15G010DXB-BBXC	150	0	500	79	0		
BW100EAGL	G	MR084067	R1	CYP15G010DXB-BBXC	150	0	1000	79	0		
BW100AAALL	AT	MR091061	R1	CYP15G010DXB-BBXI	150	0	500	80	0		
BW100AAALL	AT	MR091061	R1	CYP15G010DXB-BBXI	150	0	1000	78	0		
BW100CAGL	G	MR092052	R1	CY7B994V-2BBXIT	150	0	500	30	0		
BW100CAGL	G	MR092052	R1	CY7B994V-2BBXIT	150	0	1000	30	0		
Summary for Package Family: FBGA (1.0-1.27, Pb-free)			10	records							
Sum								690	0		
PBGA (1.27)											
BG119SALE	G-TAIWAN	MR083001	R1	CY7C1354C-166BGC	150	0	500	80	0		
BG119SALE	G-TAIWAN	MR083001	R1	CY7C1354C-166BGC	150	0	1000	80	0		
BG119SALE	G	MR084037	R1	CY7C1354C-166BGC	150	0	500	80	0		
BG119SALE	G	MR084037	R1	CY7C1354C-166BGC	150	0	1000	80	0		
Summary for Package Family: PBGA (1.27)			4	records							
Sum								320	0		
PBGA (1.27, Pb-free)											
BY119YALL	G	MR092050	R1	CY7C1062DV33-10BGXI	150	0	500	30	0		
BY119YALL	G	MR092050	R1	CY7C1062DV33-10BGXI	150	0	1000	30	0		
Summary for Package Family: PBGA (1.27, Pb-free)			2	records							

Sum							60	0	
PBGA (Cavity/Heat Sink)									
BL256L2GE	G	MR084066	R1	CYP15G0401DXB-BGI	150	0	500	80	0
BL256L2GE	G	MR084066	R1	CYP15G0401DXB-BGI	150	0	1000	80	0
Summary for Package Family: PBGA (Cavity/Heat Sink)			2	records					
Sum							160	0	
PDIP (Pb-Free)									
PZ183DAGN	RA-CML	MR082065	R1	CY7C63723C-PXC	150	0	1000	80	0
PZ183DBGN	RA-CML	MR083022	R1	CY7C63723C-PXC	150	0	500	80	0
PZ183DBGN	RA-CML	MR083022	R1	CY7C63723C-PXC	150	0	1000	80	0
PZ183AXGN	O-OMEDATA	MR083039	R1	CS6632AF	150	0	500	80	0
PZ283AAAGN	X-THAILAND	MR083047	R1	CY8C24423A-24PXI	150	0	500	80	0
PZ283AAAGN	X-THAILAND	MR083047	R1	CY8C24423A-24PXI	150	0	1000	80	0
PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	150	0	500	80	0
PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	150	0	1000	80	0
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	150	0	500	80	0
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	150	0	1000	80	0
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	150	0	500	80	0
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	150	0	1000	79	0
PZ183DBGN	RA	MR091008	R1	CY7C63723C-PXC	150	0	500	80	0
PZ183DBGN	RA	MR091008	R1	CY7C63723C-PXC	150	0	1000	80	0
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	150	0	500	80	0
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	150	0	1000	80	0
PZ283AAAGN	X	MR091044	R1	CG6993AM	150	0	500	80	0
PZ283AAAGN	X	MR091044	R1	CG6993AM	150	0	1000	80	0
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	150	0	500	30	0
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	150	0	1000	30	0
Summary for Package Family: PDIP (Pb-Free)			20	records					
Sum							1499	0	
PLCC									
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	500	80	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	1000	78	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	1500	78	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	2000	78	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	2500	78	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	150	0	3000	78	0
Summary for Package Family: PLCC			6	records					
Sum							470	0	
PLCC (Pb-Free)									
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	150	0	500	80	0
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	150	0	1000	80	0
JZ52SFGAN	M	MR084046	R1	7C136GT-**MJXCT	150	0	500	80	0
JZ52SFGAN	M	MR084046	R1	7C136GT-**MJXCT	150	0	1000	80	0
JZ28SBGAN	M	MR091037	R1	CY7B933-JXC	150	0	500	80	0
JZ28SBGAN	M	MR091037	R1	CY7B933-JXC	150	0	1000	80	0
Summary for Package Family: PLCC (Pb-Free)			6	records					
Sum							480	0	
PQFP (Pb-free)									
NZ52DXGAN	G-TAIWAN	MR083007	R1	CY7C136-55NXC	150	0	500	80	0



NZ52DXGAN	G-TAIWAN	MR083007	R1	CY7C136-55NXC	150	0	1000	80	0
NZ52DXGAN	G	MR084053	R1	7C136GT-**GNZC	150	0	500	80	0
NZ52DXGAN	G	MR084053	R1	7C136GT-**GNZC	150	0	1000	80	0
NZ52DXGAN	G	MR091025	R1	CY7C136-55NXCT	150	0	500	80	0
NZ52DXGAN	G	MR091025	R1	CY7C136-55NXCT	150	0	1000	80	0

Summary for Package Family: PQFP (Pb-free)

6 records

Sum 480 0

QFN (0.4mm, Saw Type, Pb-free)

LN32AAAAAL	CA-Malaysia	082008	R1	CY8C21434-24LCXI	150	0	1000	76	0
LN32AAAAAL	CA-THAILAND	MR083049	R1	CP7052ATT	150	0	500	79	0
LN32AAAAAL	CA-THAILAND	MR083049	R1	CP7052ATT	150	0	1000	79	0
LN32AAAAAL	CA	MR084040	R1	CP7052ATT	150	0	500	80	0
LN32AAAAAL	CA	MR084040	R1	CP7052ATT	150	0	1000	80	0
LN32AAAAAL	CA	MR091052	R1	CP7052BTT	150	0	500	80	0
LN32AAAAAL	CA	MR091052	R1	CP7052BTT	150	0	1000	80	0

Summary for Package Family: QFN (0.4mm, Saw Type, Pb-free)

7 records

Sum 554 0

QFN (0.6mm, Punch Type, Pb-Free)

LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	150	0	500	80	0
LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	150	0	1000	79	0
LK32AABAG	L	MR084008	R1	CY8C20434-12LKXI	150	0	500	80	0
LK32AABAG	L	MR084008	R1	CY8C20434-12LKXI	150	0	1000	80	0
LK32AABAGL	L	MR091011	R1	CY8C20434-12LKXIT	150	0	500	80	0
LK32AABAGL	L	MR091011	R1	CY8C20434-12LKXIT	150	0	1000	80	0
LK32AABAGL	L	MR092044	R1	CY8C20434-12LKXIT	150	0	500	30	0
LK32AABAGL	L	MR092044	R1	CY8C20434-12LKXIT	150	0	1000	30	0

Summary for Package Family: QFN (0.6mm, Punch Type, Pb-Free)

8 records

Sum 539 0

QFN (0.6mm, Saw Type, Pb-Free)

LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	150	0	500	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	150	0	1000	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	150	0	1500	80	0
LQ32ACAAGL	M	084609	R1	CY24292LFXI	150	0	500	80	0
LQ32ACAAGL	M	084609	R1	CY24292LFXI	150	0	1000	80	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	150	0	500	77	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	150	0	1000	76	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	150	0	1500	75	0
LQ24ABAAL	AT-THAILAND	MR083053	R1	CY8C20324-12LQXI	150	0	500	79	0
LQ24ABAAL	AT-THAILAND	MR083053	R1	CY8C20324-12LQXI	150	0	1000	79	0
LQ24ABAAL	AT	MR084039	R1	CY8C20324-12LQXI	150	0	500	80	0
LQ24ABAAL	AT	MR084039	R1	CY8C20324-12LQXI	150	0	1000	80	0
LQ24ABAAL	AT	MR091040	R1	CP6836ATT	150	0	500	80	0
LQ24ABAAL	AT	MR091040	R1	CP6836ATT	150	0	1000	80	0
LQ24ABAAL	AT	MR092009	R1	CY8C20324-12LQXI	150	0	500	30	0
LQ32DAGLL	CA	MR092054	R1	CY8C20466-24LQXI	150	0	500	30	0
LQ32DAGLL	CA	MR092054	R1	CY8C20466-24LQXI	150	0	1000	30	0

Summary for Package Family: QFN (0.6mm, Saw Type, Pb-Free)

17 records

Sum 1196 0

QFN (COL, 0.6mm, Saw Type, Pb-free)

LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	150	0	500	77	0
LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	150	0	1000	77	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	150	0	500	80	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	150	0	1000	80	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	150	0	500	80	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	150	0	1000	80	0

Summary for Package Family: QFN (COL, 0.6mm, Saw Type, Pb-free)

6 records

Sum **474** **0**

QFN (Punch Type, Pb-Free)

LY56DGAGL	L	080904	R1	CY7C66113C-LFXC	150	0	500	80	0
LY56DGAGL	L	080904	R1	CY7C66113C-LFXC	150	0	1000	80	0
LY56DGAGL	L	080904	R2	CY7C66113C-LFXC	150	0	500	80	0
LY56DGAGL	L	080904	R2	CY7C66113C-LFXC	150	0	1000	80	0
LY40BGAGL	L-KOREA	MR083058	R1	CYRF6936-40LFXC	150	0	500	80	0
LY40BGAGL	L-KOREA	MR083058	R1	CYRF6936-40LFXC	150	0	1000	80	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	150	0	500	80	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	150	0	1000	80	0
LY40BGAGL	L	MR084014	R1	CYRF6936-40LFXC	150	0	500	80	0
LY40BGAGL	L	MR084014	R1	CYRF6936-40LFXC	150	0	1000	80	0
LY32AAAGR	L	MR084015	R1	CY8C21434-24LFXI	150	0	500	80	0
LY32AAAGR	L	MR084015	R1	CY8C21434-24LFXI	150	0	1000	80	0
LY68AGAAAGL	L	MR091024	R1	CY8CLED04-68LFXI	150	0	500	80	0
LY68AGAAAGL	L	MR091024	R1	CY8CLED04-68LFXI	150	0	1000	80	0
LY40ABGAGL	L	MR091030	R1	CS7067AT	150	0	500	80	0
LY40ABGAGL	L	MR091030	R1	CS7067AT	150	0	1000	80	0
LY32AAAGR	L	MR091032	R1	CS6624AA	150	0	500	80	0
LY32AAAGR	L	MR091032	R1	CS6624AA	150	0	1000	80	0
LY40CGAGR	L	MR092032	R1	CYRF69103-40LFXC	150	0	500	30	0
LY40CGAGR	L	MR092032	R1	CYRF69103-40LFXC	150	0	1000	30	0
LY32AAAGR	L	MR092041	R1	CY8C21434-24LFXI	150	0	500	30	0
LY32AAAGR	L	MR092041	R1	CY8C21434-24LFXI	150	0	1000	30	0

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

22 records

Sum **1560** **0**

QFN (Saw Type, Pb-free)

LT56BAAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	150	0	500	90	0
LT56BAAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	150	0	1000	90	0
LT48ABAAGR	CA	083701	R1	CYWUSB6934-48LTXC	150	0	500	77	0
LT48ABAAGR	CA	083701	R1	CYWUSB6934-48LTXC	150	0	1000	77	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	150	0	500	77	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	150	0	1000	77	0
LT32BAABGL	RA	084602	R7	CY8C21434-24LTXIKA	150	0	500	77	0
LT32BAABGL	RA	084602	R7	CY8C21434-24LTXIKA	150	0	1000	77	0
LT32BAAAGL	CA-THAILAND	MR083038	R1	CG7032AA	150	0	500	80	0
LT32BAAAGL	CA-THAILAND	MR083038	R1	CG7032AA	150	0	1000	80	0
LT32BAAAGL	CA	MR084041	R1	CG7032AA	150	0	500	80	0
LT32BAAAGL	CA	MR084041	R1	CG7032AA	150	0	1000	80	0
LT32BAABGL	RA	MR091009	R1	CG7032AA	150	0	500	80	0
LT32BAABGL	RA	MR091009	R1	CG7032AA	150	0	1000	80	0
LT32BAABGL	RA	MR092034	R1	CY8C21434-24LTXI	150	0	500	30	0

LT32BAABGL	RA	MR092034	R1	CY8C21434-24LTXI	150	0	1000	30	0
LT32BAAGGL	M	MR092051	R1	CG6644FA	150	0	500	30	0
LT32BAAGGL	M	MR092051	R1	CG6644FA	150	0	1000	30	0
Summary for Package Family: QFN (Saw Type, Pb-free)			18	records					
Sum								1242	0
QSOP (Pb-Free)									
SQ2414ABGN	R-CML	MR083023	R1	CY7C63743C-QXC	150	0	500	80	0
SQ2414ABGN	R-CML	MR083023	R1	CY7C63743C-QXC	150	0	1000	80	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	150	0	500	80	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	150	0	1000	80	0
SQ2414ABGN	R	MR091002	R1	CY7C63743C-QXC	150	0	500	80	0
SQ2414ABGN	R	MR091002	R1	CY7C63743C-QXC	150	0	1000	80	0
SQ2414ABGN	R	MR092005	R1	CY7C63743C-QXC	150	0	500	30	0
SQ2414ABGN	R	MR092005	R1	CY7C63743C-QXC	150	0	1000	30	0
Summary for Package Family: QSOP (Pb-Free)			8	records					
Sum								540	0
RTSOP (Pb-free)									
ZY28R2ALN	R-CML	MR083030	R1	CY62256VNULL-70ZRXIT	150	0	500	80	0
ZY28R2ALN	R-CML	MR083030	R1	CY62256VNULL-70ZRXIT	150	0	1000	80	0
ZY28R2BLN	R	MR091010	R1	CY62256NLL-70ZRXIT	150	0	500	80	0
ZY28R2BLN	R	MR091010	R1	CY62256NLL-70ZRXIT	150	0	1000	80	0
Summary for Package Family: RTSOP (Pb-free)			4	records					
Sum								320	0
SNC (Pb-Free)									
SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	150	0	500	80	0
SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	150	0	1000	80	0
SY2831BBLN	R	MR084004	R1	CG7107AM	150	0	500	80	0
SY2831BBLN	R	MR084004	R1	CG7107AM	150	0	1000	80	0
SY2831BBLN	R	MR091007	R1	CY62256NLL-70SNXCT	150	0	500	80	0
SY2831BBLN	R	MR091007	R1	CY62256NLL-70SNXCT	150	0	1000	80	0
SY2831BBLN	R	MR092021	R1	CY62256NLL-70SNXCT	150	0	500	30	0
SY2831BBLN	R	MR092021	R1	CY62256NLL-70SNXCT	150	0	1000	30	0
Summary for Package Family: SNC (Pb-Free)			8	records					
Sum								540	0
SOIC									
S0815PBAGN	RA	MR091017	R1	CY2305SI-1HT	150	0	500	80	0
S0815PBAGN	RA	MR091017	R1	CY2305SI-1HT	150	0	1000	80	0
S0815PBAGN	RA	MR092027	R1	CY2305SC-1HT	150	0	500	30	0
S0815PBAGN	RA	MR092027	R1	CY2305SC-1HT	150	0	1000	30	0
Summary for Package Family: SOIC			4	records					
Sum								220	0
SOIC (J-Lead)									
V243GAAAGN	X	090302	R1	CY7C197BN-15VC	0	0	500	80	0
V243GAAAGN	X	090302	R1	CY7C197BN-15VC	0	0	1000	80	0
V243GGABLE	O-THAILAND	MR083037	R1	CY7C197BN-15VCT	150	0	500	80	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	150	0	500	30	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	150	0	1000	28	0
Summary for Package Family: SOIC (J-Lead)			5	records					
Sum								298	0

SOIC (J-Lead, Pb-Free)

VZ24	X	091906	R1	7C197B	150	0	500	75	0
VZ24	X	091906	R1	7C197B	150	0	1000	75	0
VZ24	X	091906	R2	7C197BN	150	0	500	77	0
VZ24	X	091906	R2	7C197BN	150	0	1000	77	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	150	0	500	80	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	150	0	1000	80	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	150	0	500	78	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	150	0	1000	76	0
VZ3646BGLL	R	MR084001	R1	CY7C1049CV33-10VXCT	150	0	500	80	0
VZ3646BGLL	R	MR084001	R1	CY7C1049CV33-10VXCT	150	0	1000	80	0
VZ28313BLN	R	MR084019	R1	CY7C1399BN-12VXIT	150	0	500	79	0
VZ28313BLN	R	MR084019	R1	CY7C1399BN-12VXIT	150	0	1000	79	0
VZ28313BLN	R	MR091045	R1	CY7C1399BN-12VXCT	150	0	500	79	0
VZ28313BLN	R	MR091045	R1	CY7C1399BN-12VXCT	150	0	1000	79	0
VZ3649BALN	R	MR091046	R1	CG7119AM	150	0	500	80	0
VZ3649BALN	R	MR091046	R1	CG7119AM	150	0	1000	80	0
VZ28313BLN	R	MR092026	R1	CY7C1399BN-12VXCT	150	0	500	30	0
VZ28313BLN	R	MR092026	R1	CY7C1399BN-12VXCT	150	0	1000	30	0
VZ32420BLL	R	MR092036	R1	CY7C1019DV33-10VXI	150	0	500	30	0
VZ32420BLL	R	MR092036	R1	CY7C1019DV33-10VXI	150	0	1000	30	0

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

20 records

Sum 1374 0

SOIC (Pb-Free)

SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	150	0	1500	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	150	0	500	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	150	0	1000	80	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	150	0	500	80	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	150	0	1000	80	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	150	0	500	80	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	150	0	1000	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	150	0	500	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	150	0	1000	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	150	0	1500	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	150	0	2000	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	150	0	2500	80	0
SZ24315BGN	RA-CML	MR083025	R1	CY7C63823-SXC	150	0	500	80	0
SZ24315BGN	RA-CML	MR083025	R1	CY7C63823-SXC	150	0	1000	80	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	150	0	500	78	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	150	0	1000	78	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	150	0	500	80	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	150	0	1000	80	0
SZ2035BAL	R	MR084005	R1	CY8C24223A-24SXI	150	0	500	80	0
SZ2035BAL	R	MR084005	R1	CY8C24223A-24SXI	150	0	1000	80	0
SZ815DAGN	M	MR084018	R1	CY2304SXI-2	150	0	500	80	0
SZ815DAGN	M	MR084018	R1	CY2304SXI-2	150	0	1000	80	0
SZ1615BKGN	RA	MR084020	R1	CY2309SXC-1HT	150	0	500	80	0
SZ1615BKGN	RA	MR084020	R1	CY2309SXC-1HT	150	0	1000	80	0
SZ183CBGAN	RA	MR084026	R1	CY7C63723C-SXC	150	0	500	80	0

SZ183CBGAN	RA	MR084026	R1	CY7C63723C-SXC	150	0	1000	80	0
SZ24315BGN	RA	MR084029	R1	CY7C63743C-SXC	150	0	500	80	0
SZ24315BGN	RA	MR084029	R1	CY7C63743C-SXC	150	0	1000	80	0
SZ24312BGN	R	MR084033	R1	CY7C63743C-SXC	150	0	500	80	0
SZ24312BGN	R	MR084033	R1	CY7C63743C-SXC	150	0	1000	80	0
SZ815PABGN	RA	MR084061	R1	CY25560SXCT	150	0	500	80	0
SZ815PABGN	RA	MR084061	R1	CY25560SXCT	150	0	1000	80	0
SZ1615FAL	T	MR084072	R1	CY2309CSXC-1T	150	0	500	80	0
SZ1615FAL	T	MR084072	R1	CY2309CSXC-1T	150	0	1000	80	0
SZ2035BAL	R	MR091001	R1	CY8C27243-24SXI	150	0	500	80	0
SZ2035BAL	R	MR091001	R1	CY8C27243-24SXI	150	0	1000	80	0
SZ183CBGAN	RA	MR091003	R1	CY7C63723C-SXC	150	0	500	80	0
SZ183CBGAN	RA	MR091003	R1	CY7C63723C-SXC	150	0	1000	80	0
SZ32457BLN	R	MR091004	R1	CY62128ELL-45SXIT	150	0	500	80	0
SZ32457BLN	R	MR091004	R1	CY62128ELL-45SXIT	150	0	1000	80	0
SZ1615BKGN	RA	MR091016	R1	CY2308SXC-2T	150	0	500	80	0
SZ1615BKGN	RA	MR091016	R1	CY2308SXC-2T	150	0	1000	80	0
SZ1615EGN	M	MR091020	R1	CY2309SXI-1HT	150	0	500	80	0
SZ1615EGN	M	MR091020	R1	CY2309SXI-1HT	150	0	1000	80	0
SZ1615FAL	T	MR091058	R1	CY23EP09SXC-1HT	150	0	500	80	0
SZ1615FAL	T	MR091058	R1	CY23EP09SXC-1HT	150	0	1000	80	0
SZ2035BAL	R	MR092003	R1	CY8C27243-24SXI	150	0	500	30	0
SZ2035BAL	R	MR092003	R1	CY8C27243-24SXI	150	0	1000	30	0
SZ324513BN	R	MR092006	R1	CY7C53120E2-10SXI	150	0	500	30	0
SZ324513BN	R	MR092006	R1	CY7C53120E2-10SXI	150	0	1000	30	0
SZ183CBGAN	RA	MR092024	R1	CY7C63723C-SXC	150	0	500	30	0
SZ183CBGAN	RA	MR092024	R1	CY7C63723C-SXC	150	0	1000	30	0
SZ1615FAL	T	MR092025	R1	CY23EP09SXC-1HT	150	0	500	30	0
SZ1615FAL	T	MR092025	R1	CY23EP09SXC-1HT	150	0	1000	30	0
SZ1615DGN	M	MR092038	R1	CS6803AAT	150	0	500	30	0
SZ1615DGN	M	MR092038	R1	CS6803AAT	150	0	1000	30	0
Summary for Package Family: SOIC (Pb-Free)				56 records					
Sum								3976	0
SSOP									
O483ABXAGN	R	MR092029	R1	CY2318ANZPVC-11T	150	0	500	30	0
O483ABXAGN	R	MR092029	R1	CY2318ANZPVC-11T	150	0	1000	30	0
Summary for Package Family: SSOP				2 records					
Sum								60	0
SSOP (Pb-Free)									
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	150	0	500	76	0
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	150	0	1000	75	0
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	150	0	1500	74	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	150	0	500	80	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	150	0	1500	72	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	150	0	1000	79	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	150	0	500	80	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	150	0	1000	80	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	150	0	500	80	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	150	0	1000	79	0

SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	150	0	500	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	150	0	1000	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	150	0	1500	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	150	0	2000	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	150	0	2500	80	0
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	150	0	500	80	0
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	150	0	1000	80	0
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	150	0	500	80	0
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	150	0	1000	80	0
SP483ABBAN	R	MR084030	R1	CY7C63413C-PVXC	150	0	500	80	0
SP483ABBAN	R	MR084030	R1	CY7C63413C-PVXC	150	0	1000	80	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	150	0	500	80	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	150	0	1000	80	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	150	0	1000	80	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	150	0	500	80	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	150	0	1000	80	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	150	0	1000	80	0
SP2822BGL	M	MR091042	R1	CP6801ATT	150	0	1000	80	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	150	0	500	80	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	150	0	1000	80	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	150	0	500	30	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	150	0	1000	30	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	150	0	500	30	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	150	0	1000	30	0
Summary for Package Family: SSOP (Pb-Free)				34	records				
Sum								2495	0
TQFP									
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	150	0	500	80	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	150	0	1000	80	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	150	0	500	80	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	150	0	1000	80	0
A52AEGAGE	Q	MR092010	R1	CY29976AXI	150	0	500	30	0
A52AEGAGE	Q	MR092010	R1	CY29976AXI	150	0	1000	30	0
Summary for Package Family: TQFP				6	records				
Sum								380	0
TQFP (10mm X 10mm)									
AS64CGAGB	Q	MR091053	R1	CY7C4285V-15ASC	150	0	500	79	0
AS64CGAGB	Q	MR091053	R1	CY7C4285V-15ASC	150	0	1000	79	0
Summary for Package Family: TQFP (10mm X 10mm)				2	records				
Sum								158	0
TQFP (Pb-Free)									
AZ32GXGAN	G-TAIWAN	MR082020	R1A	CY22942AXI	150	0	500	78	0
AZ32GXGAN	G-TAIWAN	MR082020	R1A	CY22942AXI	150	0	1000	78	0
AZ44SGGAN	R-CML	MR083014	R1	CS6567AM	150	0	500	80	0
AZ44SGGAN	R-CML	MR083014	R1	CS6567AM	150	0	1000	80	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	150	0	500	80	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	150	0	1000	80	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	150	0	500	80	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	150	0	1000	80	0



AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	150	0	500	80	0
AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	150	0	1000	80	0
AZ44SFGAN	R	MR084010	R1	CY37032P44-125AXC	150	0	500	80	0
AZ44SFGAN	R	MR084010	R1	CY37032P44-125AXC	150	0	1000	80	0
AZ32LXGAN	Q	MR084017	R1	CY29948AXC	150	0	500	80	0
AZ32LXGAN	Q	MR084017	R1	CY29948AXC	150	0	1000	80	0
AZ32GXGAN	G	MR084042	R1	CY29940AXCT	150	0	500	79	0
AZ32GXGAN	G	MR084042	R1	CY29940AXCT	150	0	1000	79	0
AZ128SABLL	R	MR084054	R1	7C681000BC-**RAZC	150	0	500	80	0
AZ128SABLL	R	MR084054	R1	7C681000BC-**RAZC	150	0	1000	79	0
AZ32LXGAN	Q	MR091022	R1	CY29946AXCT	150	0	500	80	0
AZ32LXGAN	Q	MR091022	R1	CY29946AXCT	150	0	1000	80	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	150	0	500	80	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	150	0	1000	79	0
AZ44SGBGAN	RA	MR092001	R1	CY8C29566-24AXI	150	0	500	30	0
AZ44SGBGAN	RA	MR092001	R1	CY8C29566-24AXI	150	0	1000	30	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	150	0	500	30	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	150	0	1000	30	0
AZ32GXGAN	G	MR092033	R1	CY29940AXCT	150	0	500	30	0
AZ32GXGAN	G	MR092033	R1	CY29940AXCT	150	0	1000	30	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	150	0	500	30	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	150	0	1000	30	0

Summary for Package Family: TQFP (Pb-Free)

30 records

Sum 1992 0

TSOP (Pb-free)

ZT48AKAALL	T	084612	R1	CY62177EV30LL	150	0	1000	80	0
ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	150	0	500	80	0
ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	150	0	1000	80	0
ZT32RABALL	T-OSE	MR083051	R1	CY62128BLL-70ZXC	150	0	500	80	0
ZT32RABALL	T-OSE	MR083051	R1	CY62128BLL-70ZXC	150	0	1000	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	150	0	500	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	150	0	1000	80	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	150	0	500	80	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	150	0	1000	80	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	150	0	500	80	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	150	0	1000	80	0
ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	150	0	500	80	0
ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	150	0	1000	80	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	150	0	500	80	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	150	0	1000	80	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	150	0	500	80	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	150	0	1000	80	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNLL-70ZXCT	150	0	500	30	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNLL-70ZXCT	150	0	1000	30	0

Summary for Package Family: TSOP (Pb-free)

19 records

Sum 1420 0

TSOP I (Pb-Free)

ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	150	0	500	80	0
ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	150	0	1000	80	0

ZB32RHBALN	R	MR084036	R1	CG7091AM	150	0	500	79	0
ZB32RHBALN	R	MR084036	R1	CG7091AM	150	0	1000	79	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	150	0	500	80	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	150	0	1000	80	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	150	0	500	30	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	150	0	1000	30	0
Summary for Package Family: TSOP I (Pb-Free)			8	records					
Sum								538	0
TSOP II (Pb-Free)									
ZW544AALL	G-ASEK	MR082034	R1A	CY7C1069AV33-10ZXC	150	0	1000	78	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	150	0	500	80	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	150	0	1000	80	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSXI	150	0	500	80	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSXI	150	0	1000	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	150	0	500	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	150	0	1000	80	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	150	0	1000	80	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	150	0	500	80	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	150	0	1000	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	150	0	500	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	150	0	1000	79	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	150	0	500	80	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	150	0	1000	80	0
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	150	0	1000	80	0
ZW544AALL	G	MR091027	R1	CS6729AT	150	0	500	80	0
ZW544AALL	G	MR091027	R1	CS6729AT	150	0	1000	80	0
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSXI	150	0	500	80	0
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSXI	150	0	1000	79	0
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	150	0	500	30	0
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	150	0	1000	30	0
ZW54BGALL	G	MR092043	R1A	CG7116AM	150	0	500	30	0
ZW54BGALL	G	MR092043	R1A	CG7116AM	150	0	1000	30	0
Summary for Package Family: TSOP II (Pb-Free)			23	records					
Sum								1636	0
TSSOP									
Z1620GAGN	RA-CML	MR083033	R1	CY2309ZC-1H	150	0	500	80	0
Z1620GAGN	RA-CML	MR083033	R1	CY2309ZC-1H	150	0	1000	80	0
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	150	0	500	79	0
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	150	0	1000	78	0
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	150	0	500	80	0
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	150	0	1000	80	0
Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	150	0	500	30	0
Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	150	0	1000	30	0
Summary for Package Family: TSSOP			8	records					
Sum								537	0
TSSOP (Pb-Free)									
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	150	0	500	80	0
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	150	0	1000	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	150	0	500	80	0

ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	150	0	1000	80	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	150	0	500	78	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	150	0	1000	78	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	150	0	500	80	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	150	0	1000	79	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	150	0	500	80	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	150	0	1000	80	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	150	0	500	80	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	150	0	1000	80	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	150	0	500	80	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	150	0	1000	80	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	150	0	500	30	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	150	0	1000	30	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	150	0	500	30	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	150	0	1000	30	0
Summary for Package Family: TSSOP (Pb-Free)			18	records					
Sum								1235	0
VFPGA (0.75-0.8, 0.3mm)									
BV48AAALE	G-TAIWAN	MR083013	R1	CY62157DV30LL-55BVI	150	0	500	80	0
BV48AAALE	G-TAIWAN	MR083013	R1	CY62157DV30LL-55BVI	150	0	1000	80	0
BV48AACALE	AT	MR084063	R1	CY62157DV30LL-70BVI	150	0	500	80	0
BV48AACALE	AT	MR084063	R1	CY62157DV30LL-70BVI	150	0	1000	80	0
BV48ABEALE	A	MR091041	R1	CY62167EV30LL-45BVI	150	0	500	80	0
BV48ABEALE	A	MR091041	R1	CY62167EV30LL-45BVI	150	0	1000	80	0
BV48ABEALE	AT	MR092012	R1	CY62167EV30LL-45BVI	150	0	500	30	0
BV48ABEALE	AT	MR092012	R1	CY62167EV30LL-45BVI	150	0	1000	30	0
Summary for Package Family: VFPGA (0.75-0.8, 0.3mm)			8	records					
Sum								540	0
VFPGA (0.75-0.8, 0.3mm, Pb-Free)									
BZ56IAAAGL	AT-INDS	MR082055	R1	CY7C68053-56BAXI	150	0	1000	79	0
BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	150	0	500	80	0
BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	150	0	1000	79	0
BZ56GABGL	RA-CML	MR083005	R1	CY7C68053-56BAXIT	150	0	500	80	0
BZ56GABGL	RA-CML	MR083005	R1	CY7C68053-56BAXIT	150	0	1000	80	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	150	0	500	80	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	150	0	1000	80	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	150	0	500	80	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	150	0	1000	80	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	150	0	500	80	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	150	0	1000	80	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	150	0	500	80	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	150	0	1000	80	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	150	0	500	80	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	150	0	1000	80	0
BZ48CFAALL	G	MR084035	R1	CY62158EV30LL-45BVXI	150	0	500	80	0
BZ48CFAALL	G	MR084035	R1	CY62158EV30LL-45BVXI	150	0	1000	80	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	150	0	500	80	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	150	0	1000	80	0
BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	150	0	500	80	0

BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	150	0	1000	80	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	150	0	500	80	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	150	0	1000	80	0
BZ100DAALL	G	MR091028	R1	CS7129AMT	150	0	500	80	0
BZ100DAALL	G	MR091028	R1	CS7129AMT	150	0	1000	80	0
BZ48CFAALL	G	MR091029	R1	CY62157EV30LL-45BVXI	150	0	500	80	0
BZ48DAGLL	RA	MR091033	R1	CY62137FV30LL-45BVXIT	150	0	500	80	0
BZ48DAGLL	RA	MR091033	R1	CY62137FV30LL-45BVXIT	150	0	1000	80	0
BZ48ABEALL	AT	MR091034	R1	CY62167EV30LL-45BVXI	150	0	500	80	0
BZ48ABEALL	AT	MR091034	R1	CY62167EV30LL-45BVXI	150	0	1000	80	0
BZ48ABLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	150	0	500	30	0
BZ48ABLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	150	0	1000	30	0
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	150	0	500	30	0
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	150	0	1000	30	0
BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	150	0	1000	30	0
BZ56BGALL	RA	RR091013	R1	CY7C68013A-56BAXC	150	0	500	77	0
BZ56BGALL	RA	RR091013	R1	CY7C68013A-56BAXC	150	0	1000	77	0
Summary for Package Family: VFBGA (0.75-0.8, 0.3mm, Pb-Free)			37	records					
Sum								2702	0

Summary Detail -- PCT Performance Over Time

BUILDKIT	ASSY SITE	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	SS	REJECT	FA	COMMENTS
FBGA (0.75-0.8, 0.3mm, Pb-free)											
BK60AAALE	G-TAIWAN	MR082069	R1	CY7C1061AV33-10BAXI	121	0	168	77	0		
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	121	0	168	79	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	121	0	168	80	0		
BK48CDGLL	G	MR091060	R1	CY7C1041CV33-10BAXA	121	0	168	78	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	121	0	96	29	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	121	0	168	29	0		
Summary for Package Family: FBGA (0.75-0.8, 0.3mm, Pb-free)			6	records							
Sum								372	0		
FBGA (1.0-1.27)											
BB172BALE	G	MR084070	R1A	CY7C0852V-133BBI	121	0	168	79	0		
BB100CAALE	G	MR091023	R1	CYP15G0101DXB-BBC	121	0	168	77	0		
BB100CAALE	G	MR091023	R1A	CYP15G0101DXB-BBC	121	0	168	77	0		
BB165ALLE	G	MR092017	R1	CY7C1312BV18-200BZC	121	0	168	30	0		
Summary for Package Family: FBGA (1.0-1.27)			4	records							
Sum								263	0		
FBGA (1.0-1.27, Pb-free)											
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	121	0	168	73	0		
BW165AZALL	AT	083601	R2	CY7C1512V18-200BZXC	121	0	168	74	0		
BW100EAGL	G	MR083027	R1A	CYP15G0101DXB-BBXC	121	0	168	77	0		
BW100EAGL	G	MR084067	R1	CYP15G0101DXB-BBXC	121	0	168	80	0		
BW100AAALL	AT	MR091061	R1	CYP15G0101DXB-BBXI	121	0	168	78	0		
BW100CAGL	G	MR092052	R1	CY7B994V-2BBXIT	121	0	168	30	0		
Summary for Package Family: FBGA (1.0-1.27, Pb-free)			6	records							
Sum								412	0		
PBGA (1.27)											
BG119SALE	G-TAIWAN	MR083001	R1	CY7C1354C-166BGC	121	0	168	80	0		
BG119SALE	G	MR084037	R1	CY7C1354C-166BGC	121	0	168	80	0		
BG119ADALE	AT	MR084081	R1	CY7C1354C-166BGC	121	0	168	80	0		
BG119ADALE	AT	MR084081	R2	CY7C1354C-166BGC	121	0	168	80	0		
BG119ADALE	AT	MR084081	R3	CY7C1354C-166BGC	121	0	168	68	0		
Summary for Package Family: PBGA (1.27)			5	records							
Sum								388	0		
PBGA (1.27, Pb-free)											
BY119YALL	G	MR092050	R1	CY7C1062DV33-10BGXI	121	0	168	25	0		
Summary for Package Family: PBGA (1.27, Pb-free)			1	records							
Sum								25	0		
PBGA (Cavity/Heat Sink)											
BL256L2GE	G	MR084066	R1	CYP15G0401DXB-BGI	121	0	168	80	0		
Summary for Package Family: PBGA (Cavity/Heat Sink)			1	records							
Sum								80	0		
PDIP (Pb-Free)											
PZ286EAAGN	X	092014	R1	CY62256NLL-70PXC	121	0	168	77	0		
PZ183DBGN	RA	MR083022	R1A	CY7C63723C-PXC	121	0	168	80	0		

PZ283AAAGN	X-THAILAND	MR083047	R1	CY8C24423A-24PXI	121	0	168	80	0
PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	121	0	168	80	0
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	121	0	168	80	0
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	121	0	168	80	0
PZ183DBGN	RA	MR084050	R1	CS6632AF	121	0	168	80	0
PZ183DBGN	RA	MR091008	R1	CY7C63723C-PXC	121	0	168	80	0
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	121	0	168	80	0
PZ283AAAGN	X	MR091044	R1	CG6993AM	121	0	168	80	0
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	121	0	168	30	0
Summary for Package Family: PDIP (Pb-Free)			11	records					
Sum								827	0
PLCC									
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	121	0	168	80	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	121	0	336	80	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	121	0	504	80	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	121	0	672	80	0
Summary for Package Family: PLCC			4	records					
Sum								320	0
PLCC (Pb-Free)									
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	121	0	168	80	0
JZ52SFGAN	M	MR084046	R1	7C136GT-**MJXCT	121	0	168	80	0
JZ28SBGAN	M	MR091037	R1	CY7B933-JXC	121	0	168	80	0
Summary for Package Family: PLCC (Pb-Free)			3	records					
Sum								240	0
PQFP (Pb-free)									
NZ52DXGAN	G-TAIWAN	MR083007	R1	CY7C136-55NXC	121	0	168	80	0
NZ52DXGAN	G	MR084053	R1	7C136GT-**GNZC	121	0	168	80	0
NZ52DXGAN	G	MR091025	R1	CY7C136-55NXCT	121	0	168	80	0
Summary for Package Family: PQFP (Pb-free)			3	records					
Sum								240	0
QFN (0.4mm, Saw Type, Pb-free)									
LN32AAAAAL	CA-THAILAND	MR083049	R1	CP7052ATT	121	0	168	80	0
LN32AAAAAL	CA	MR084040	R1	CP7052ATT	121	0	168	80	0
LN32AAAAAL	CA	MR091052	R1	CP7052BTT	121	0	168	80	0
Summary for Package Family: QFN (0.4mm, Saw Type, Pb-free)			3	records					
Sum								240	0
QFN (0.6mm, Punch Type, Pb-Free)									
LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	121	0	168	81	0
LK32AABAG	L	MR084008	R1	CY8C20434-12LKXI	121	0	168	80	0
LK32AABAGL	L	MR091011	R1	CY8C20434-12LKXIT	121	0	168	76	0
LK32AABAGL	L	MR092044	R1	CY8C20434-12LKXIT	121	0	168	30	0
Summary for Package Family: QFN (0.6mm, Punch Type, Pb-Free)			4	records					
Sum								267	0
QFN (0.6mm, Saw Type, Pb-Free)									
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	121	0	168	80	0
LQ32DAGLL	CA-Malaysia	083401	R1	CY8C20466A	121	0	168	77	0
LQ32DAGLL	CA-Malaysia	083401	R1	CY8C20466A	121	0	333	77	0
LQ32DAGLL	CA	083401	R2	CY8C20466-24LQXI	121	0	168	77	0
LQ32DAGLL	CA	083401	R2	CY8C20466-24LQXI	121	0	288	77	0

LQ32DAGLL	CA	083401	R4	CY8C20466-24LQXI	121	0	168	77	0
LQ32DAGLL	CA	083401	R4	CY8C20466-24LQXI	121	0	288	77	0
LQ32ACAAGL	MB	083909	R1	CY8C204345-12LQXI	121	0	168	80	0
LQ32ACAAGL	MB	083909	R2	CY8C204345-12LQXI	121	0	168	80	0
LQ24AAAAAL	RA	084602	R1	CY8C20324-12LQXI	121	0	168	77	0
LQ24AAAAAL	RA	084602	R4	CY8C20324-12LQXI	121	0	168	80	0
LQ32ACAAGL	M	084609	R1	CY24292LFXI	121	0	168	80	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	121	0	168	77	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	121	0	288	76	0
LQ24ADAAGL	CA	084701	R2	CY8C20366-24LQXI	121	0	168	76	0
LQ24ADAAGL	CA	084701	R3	CY8C20346-24LQXI	121	0	168	75	0
LQ32DAGLL	CA	090301	R1A (1)	CY8C20466-24LQXI	121	0	168	77	0
LQ32DAGLL	CA	090301	R1A (1)	CY8C20466-24LQXI	121	0	288	77	0
LQ32DAGLL	CA	090301	R1B (1)	CY8C20466-24LQXI	121	0	168	77	0
LQ32DAGLL	CA	090301	R1B (1)	CY8C20466-24LQXI	121	0	288	77	0
LQ32DAGLL	CA	090301	R1C (1)	CY8C20466-24LQXI	121	0	168	76	0
LQ32DAGLL	CA	090301	R1C (1)	CY8C20466-24LQXI	121	0	288	75	0
LQ32DAGLL	CA	090301	R2B (1)	CY8C20466-24LQXI	121	0	168	77	0
LQ32DAGLL	CA	090301	R2B (1)	CY8C20466-24LQXI	121	0	288	77	0
LQ24ABAAL	AT-THAILAND	MR083053	R1	CY8C20324-12LQXI	121	0	168	80	0
LQ24ABAAL	AT	MR084039	R1	CY8C20324-12LQXI	121	0	168	79	0
LQ24ABAAL	AT	MR091040	R1	CP6836ATT	121	0	168	80	0
LQ24ABAAL	AT	MR092009	R1	CY8C20324-12LQXI	121	0	168	30	0
LQ32DAGLL	CA	MR092054	R1	CY8C20466-24LQXI	121	0	168	30	0
Summary for Package Family: QFN (0.6mm, Saw Type, Pb-Free)				29	records				
Sum								2155	0
QFN (COL, 0.6mm, Saw Type, Pb-free)									
LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	121	0	168	74	0
LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	121	0	288	73	0
LG16AAAAAL	M	084404	R2	CY8CTST200-16LGXI	121	0	168	76	0
LG16AAAAAL	M	084404	R3	CY7C64315-16LKXC	121	0	168	72	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	121	0	168	79	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	121	0	168	80	0
Summary for Package Family: QFN (COL, 0.6mm, Saw Type, Pb-free)				6	records				
Sum								454	0
QFN (Punch Type, Pb-Free)									
LY32BGAGL	RA	083604	R1	CY8C21434-24LFXI	121	0	168	80	0
LY32BGAGL	RA-CML	083905	R1	CY8C21434-24LFXI	121	0	168	80	0
LY56DGAGL	L	090405	R1	CY8C24894-24LFXI	121	0	96	80	0
LY56DGAGL	L	090405	R1	CY8C24894-24LFXI	121	0	168	80	0
LY56DGAGL	L	090405	R2	CY8C24894-24LFXI	121	0	96	80	0
LY56DGAGL	L	090405	R2	CY8C24894-24LFXI	121	0	168	80	0
LY56DGAGL	L	090405	R3	CY8C24894-24LFXI	121	0	96	80	0
LY56DGAGL	L	090405	R3	CY8C24894-24LFXI	121	0	168	80	0
LY40BGAGL	L-KOREA	MR083058	R1	CYRF6936-40LFXC	121	0	168	80	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	121	0	168	78	0
LY40BGAGL	L	MR084014	R1	CYRF6936-40LFXC	121	0	168	80	0
LY32AAAGR	L	MR084015	R1	CY8C21434-24LFXI	121	0	168	80	0

LY68AGAAGL	L	MR091024	R1	CY8CLED04-68LFXI	121	0	168	80	0
LY40ABGAGL	L	MR091030	R1	CS7067AT	121	0	168	80	0
LY32AAAGR	L	MR091032	R1	CS6624AA	121	0	168	80	0
LY40CGAGR	L	MR092032	R1	CYRF69103-40LFXC	121	0	168	30	0
LY32AAAGR	L	MR092041	R1	CY8C21434-24LFXI	121	0	168	30	0

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

17 records

Sum **1258** **0**

QFN (Saw Type, Pb-free)

LT56ABAAGL	CA	075103	R1A	CY8CLED04D0CD1-56ES	121	0	168	100	0
LT56ABAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	121	0	168	90	0
LT56ABAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	121	0	288	90	0
LT56ABAAGL	CA	075103	R3	CY8CLED04D01-56LTXI	121	0	168	90	0
LT56ABAAGL	CA	075103	R3	CY8CLED04D01-56LTXI	121	0	288	90	0
LT48ABAAGR	CA	083701	R1	CYWUSB6934-48LTXC	121	0	168	77	0
LT48ABAAGR	CA	083701	R2	CYWUSB6934-48LTXC	121	0	168	77	0
LT32BAAGGL	M	083907	R1	CY8C21434-24LTXI	121	0	168	80	0
LT32BAAGGL	M	083907	R2	CY8C21434-24LTXI	121	0	168	80	0
LT68ABCAGL	AE	084005	R1	CY8C24994-24LTXI	121	0	168	80	0
LT56BCAAGL	AE	084005	R3	CY7C65640A-LTXC	121	0	168	80	0
LT68ABCAGL	AE	084005	R4	CY8C24994-24LTXI	121	0	168	80	0
LT40ACAAGL	AE	084006	R1	CYRF6936-40LTXC	121	0	168	74	0
LT40ACAAGL	AE	084006	R3	CYRF6936-40LTXC	121	0	168	79	0
LT40ACAAGL	AE	084006	R4	CYRF6936-40LTXC	121	0	168	80	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	121	0	168	80	0
LT32BBACGL	AE	084007	R3	CY8C21434-24LTXI	121	0	168	80	0
LT32BAABGL	RA	092002	R1	CY8C21434-24LTXI	121	0	168	80	0
LT32BAAAGL	CA-THAILAND	MR083038	R1	CG7032AA	121	0	168	80	0
LT32BAAAGL	CA	MR084041	R1	CG7032AA	121	0	168	80	0
LT32BAABGL	RA	MR091009	R1	CG7032AA	121	0	168	80	0
LT32BAABGL	RA	MR092034	R1	CY8C21434-24LTXI	121	0	168	30	0
LT32BAAGGL	M	MR092051	R1	CG6644FA	121	0	168	30	0

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

23 records

Sum **1787** **0**

QSOP (Pb-Free)

SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	121	0	168	80	0
SQ2414ABGN	R	MR091002	R1	CY7C63743C-QXC	121	0	168	80	0
SQ2414ABGN	R	MR092005	R1	CY7C63743C-QXC	121	0	168	30	0

Summary for Package Family: QSOP (Pb-Free)

3 records

Sum **190** **0**

RTSOP (Pb-free)

ZY28R2ALN	R-CML	MR083030	R1	CY62256NLL-70ZRXIT	121	0	168	81	0
ZY28R2BLN	R	MR091010	R1	CY62256NLL-70ZRXIT	121	0	168	80	0

Summary for Package Family: RTSOP (Pb-free)

2 records

Sum **161** **0**

SNC (Pb-Free)

SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	121	0	168	79	0
SY2831BBLN	R	MR084004	R1	CG7107AM	121	0	168	52	0
SY2831BBLN	R	MR091007	R1	CY62256NLL-70SNXCT	121	0	168	80	0



SY2831BBLN	R	MR092021	R1	CY62256NLL-70SNXCT	121	0	168	30	0
Summary for Package Family: SNC (Pb-Free)				4 records					
Sum								241	0
SOIC									
S0815PBAGN	RA	MR091017	R1	CY2305SI-1HT	121	0	168	80	0
S0815PBAGN	RA	MR092027	R1	CY2305SC-1HT	121	0	168	30	0
Summary for Package Family: SOIC				2 records					
Sum								110	0
SOIC (J-Lead)									
V243GAAAGN	X	090302	R1	CY7C197BN-15VC	121	0	168	77	0
V243GAAAGN	X	090302	R2	CY7C197BN-15VC	121	0	168	71	0
V243GAAGN	X	090302	R4	CY7C197BN-15VC	121	0	168	80	0
V243GGABLE	O-THAILAND	MR083037	R1	CY7C197BN-15VCT	121	0	168	80	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	121	0	168	30	0
Summary for Package Family: SOIC (J-Lead)				5 records					
Sum								338	0
SOIC (J-Lead, Pb-Free)									
VZ24	X	091906	R1A	CY7C197BN	121	0	168	80	0
VZ24	X	091906	R2A	CY7C197BN	121	0	168	80	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	121	0	168	80	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	121	0	168	79	0
VZ3646BGLL	R	MR084001	R1	CY7C1049CV33-10VXCT	121	0	168	80	0
VZ28313BLN	R	MR084019	R1	CY7C1399BN-12VXIT	121	0	168	80	0
VZ28313BLN	R	MR091045	R1	CY7C1399BN-12VXCT	121	0	168	80	0
VZ3649BALN	R	MR091046	R1	CG7119AM	121	0	168	80	0
VZ32420BLL	R	MR092036	R1	CY7C1019DV33-10VXI	121	0	168	30	0
Summary for Package Family: SOIC (J-Lead, Pb-Free)				9 records					
Sum								669	0
SOIC (Pb-Free)									
SZ815VAGN	M	071904	R2	CY24C16L-3SXIES	121	0	168	77	0
SZ815VAGN	M	071904	R2	CY24C16L-3SXIES	121	0	288	77	0
SZ815VAGN	M	071904	R3	CY24C16L-3SXIES	121	0	168	77	0
SZ815VAGN	M	071904	R3	CY24C16L-3SXIES	121	0	288	77	0
SZ815VAGN	M	071904	R4	CY24C16L-3SXIES	121	0	168	77	0
SZ815VAGN	M	071904	R4	CY24C16L-3SXIES	121	0	288	77	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	121	0	168	80	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	121	0	168	80	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	121	0	168	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	121	0	168	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	121	0	336	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	121	0	504	80	0
SZ24315BGN	RA-CML	MR083025	R1	CY7C63823-SXC	121	0	168	80	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	121	0	168	81	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	121	0	168	79	0
SZ2035BAL	R	MR084005	R1	CY8C24223A-24SXI	121	0	168	80	0
SZ815DAGN	M	MR084018	R1	CY2304SXI-2	121	0	168	79	0
SZ1615BKGN	RA	MR084020	R1	CY2309SXC-1HT	121	0	168	80	0
SZ183CBGAN	RA	MR084026	R1	CY7C63723C-SXC	121	0	168	80	0
SZ24315BGN	RA	MR084029	R1	CY7C63743C-SXC	121	0	168	80	0

SZ24312BGN	R	MR084033	R1	CY7C63743C-SXC	121	0	168	80	0	
SZ815PABGN	RA	MR084061	R1	CY25560SXCT	121	0	168	80	0	
SZ1615FAL	T	MR084072	R1	CY2309CSXC-1T	121	0	168	80	0	
SZ2035BAL	R	MR091001	R1	CY8C27243-24SXI	121	0	168	80	0	
SZ183CBGAN	RA	MR091003	R1	CY7C63723C-SXC	121	0	168	80	0	
SZ32457BLN	R	MR091004	R1	CY62128ELL-45SXIT	121	0	168	80	0	
SZ1615BKGN	RA	MR091016	R1	CY2308SXC-2T	121	0	168	80	0	
SZ1615EGN	M	MR091020	R1	CY2309SXI-1HT	121	0	168	79	0	
SZ1615FAL	T	MR091058	R1	CY23EP09SXC-1HT	121	0	168	80	0	
SZ2035BAL	R	MR092003	R1	CY8C27243-24SXI	121	0	168	30	0	
SZ324513BN	R	MR092006	R1	CY7C53120E2-10SXI	121	0	168	29	0	
SZ183CBGAN	RA	MR092024	R1	CY7C63723C-SXC	121	0	168	30	0	
SZ1615FAL	T	MR092025	R1	CY23EP09SXC-1HT	121	0	168	30	0	
SZ1615DGN	M	MR092038	R1	CS6803AAT	121	0	168	30	0	
SZ324516LL	R	RR084008	R4	CG6727AM	121	0	96	76	0	
SZ324516LL	R	RR084008	R4	CG6727AM	121	0	168	76	0	
Summary for Package Family: SOIC (Pb-Free)			36	records						
Sum								2601	0	
SSOP										
O483ABXAGN	R	MR092029	R1	CY2318ANZPVC-11T	121	0	168	30	0	
Summary for Package Family: SSOP			1	records						
Sum								30	0	
SSOP (Pb-Free)										
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	121	0	168	77	0	
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	121	0	288	76	0	
SP483ACGAN	R	084703	R2	CY8CTMG200-48PVXI	121	0	168	77	0	
SP483ACGAN	R	084703	R2	CY8CTMG200-48PVXI	121	0	288	75	0	
SP483ACGAN	R	084703	R3	CY8C20546-24PVXI	121	0	168	77	0	
SP483ACGAN	R	084703	R3	CY8C20546-24PVXI	121	0	288	75	0	
SP483ACGAN	R	090301	R1A	CY8C20566-24PVXI	121	0	168	77	0	
SP483ACGAN	R	090301	R1A	CY8C20566-24PVXI	121	0	288	77	0	
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	121	0	168	76	0	
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	121	0	288	76	0	
SP483ACGAN	R	090301	R1C	CY8C20566-24PVXI	121	0	168	77	0	
SP483ACGAN	R	090301	R1C	CY8C20566-24PVXI	121	0	288	77	0	
SP483ACGAN	R	090301	R2B	CY8C20566-24PVXI	121	0	168	77	0	
SP483ACGAN	R	090301	R2B	CY8C20566-24PVXI	121	0	288	77	0	
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	121	0	168	80	0	
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	121	0	336	79	0	
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	121	0	504	79	0	
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	121	0	96	80	0	
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	121	0	168	80	0	
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	121	0	168	80	0	
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	121	0	336	80	0	
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	121	0	504	80	0	
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	121	0	672	80	0	
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	121	0	168	80	0	
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	121	0	168	79	0	
SP483ABBAN	R	MR084030	R1	CY7C63413C-PVXC	121	0	168	80	0	

SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	121	0	168	80	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	121	0	168	78	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	121	0	96	80	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	121	0	168	80	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	121	0	168	80	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	121	0	96	80	0
SP2822BGL	M	MR091042	R1	CP6801ATT	121	0	96	80	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	121	0	168	80	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	121	0	168	30	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	121	0	168	30	0
SP483AGAN	R	RR084008	R1	CS6681AM	121	0	96	77	0
SP483AGAN	R	RR084008	R1	CS6681AM	121	0	168	77	0
Summary for Package Family: SSOP (Pb-Free)				38	records				
Sum								2880	0
TQFP									
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	121	0	168	80	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	121	0	168	80	0
A52AEGAGE	Q	MR092010	R1	CY29976AXI	121	0	168	30	0
Summary for Package Family: TQFP				3	records				
Sum								190	0
TQFP (10mm X 10mm)									
AS64CGAGB	Q	MR091053	R1	CY7C4285V-15ASC	121	0	168	78	0
Summary for Package Family: TQFP (10mm X 10mm)				1	records				
Sum								78	0
TQFP (Pb-Free)									
AZ44SGGAN	R	082201	R1	CY8C22545-24AXI	121	0	168	77	0
AZ44SGGAN	R-CML	MR083014	R1	CS6567AM	121	0	168	80	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	121	0	168	80	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	121	0	168	79	0
AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	121	0	168	79	0
AZ44SFGAN	R	MR084010	R1	CY37032P44-125AXC	121	0	168	80	0
AZ32LXGAN	Q	MR084017	R1	CY29948AXC	121	0	168	80	0
AZ32GXGAN	G	MR084042	R1	CY29940AXCT	121	0	168	78	0
AZ128SABLL	R	MR084054	R1	7C681000BC-**RAZC	121	0	168	80	0
AZ32LXGAN	Q	MR091022	R1	CY29946AXCT	121	0	168	80	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	121	0	168	77	0
AZ44SGBGAN	RA	MR092001	R1	CY8C29566-24AXI	121	0	168	30	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	121	0	168	30	0
AZ32GXGAN	G	MR092033	R1	CY29940AXCT	121	0	168	30	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	121	0	168	30	0
Summary for Package Family: TQFP (Pb-Free)				15	records				
Sum								990	0
TSOP (Pb-free)									
ZT48AKAALL	T	084612	R1	CY62177EV30LL	121	0	96	80	0
ZT48AKAALL	T	084612	R1	CY62177EV30LL	121	0	168	80	0
ZT48AKAALL	T	084612	R2	CY62177EV30LL	121	0	96	80	0
ZT48AKAALL	T	084612	R2	CY62177EV30LL	121	0	168	80	0
ZT48AKAALL	T	084612	R3	CY62177EV30LL	121	0	96	80	0
ZT48AKAALL	T	084612	R3	CY62177EV30LL	121	0	168	80	0

ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	121	0	168	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	121	0	168	80	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	121	0	168	67	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	121	0	168	80	0
ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	121	0	168	80	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	121	0	168	77	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	121	0	168	79	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNLL-70ZXCT	121	0	168	30	0

Summary for Package Family: TSOP (Pb-free)

13 records

Sum **973** **0**

TSOP I (Pb-Free)

ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	121	0	168	80	0
ZB32RHBALN	R	MR084036	R1	CG7091AM	121	0	168	80	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	121	0	168	80	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	121	0	168	30	0
ZB32RHALL	R	RR084008	R5	CY62128DV30LL-55ZAXIT	121	0	96	77	0
ZB32RHALL	R	RR084008	R5	CY62128DV30LL-55ZAXIT	121	0	168	77	0

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

6 records

Sum **424** **0**

TSOP II (Pb-Free)

ZW444GALL	R-CML	071304	R3A	CY14B104L	121	0	288	76	0
ZW444GALL	R-CML	071304	R8	CY14B104L	121	0	168	80	0
ZW444GALL	R-CML	071304	R8	CY14B104L	121	0	288	80	0
ZW444GALL	R	071304	R9	7C1404B6BC-**RZWCB	121	0	168	80	0
ZW444AMLN	R	083101	R1	CY62157D930A	121	0	168	77	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	121	0	168	108	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSXI	121	0	168	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	121	0	168	80	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	121	0	96	80	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	121	0	168	80	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	121	0	168	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	121	0	168	80	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	121	0	168	80	0
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	121	0	96	79	0
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	121	0	168	79	0
ZW544AALL	G	MR091027	R1	CS6729AT	121	0	168	80	0
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSXI	121	0	168	80	0
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	150	0	168	30	0
ZW54BGALL	G	MR092043	R1	CY7C1061DV33-10ZSXIT	121	0	168	30	0
ZW444AMBLN	R	RR084008	R3	CS6673ATT	121	0	96	77	0
ZW444AMBLN	R	RR084008	R3	CS6673ATT	121	0	168	77	0

Summary for Package Family: TSOP II (Pb-Free)

21 records

Sum **1593** **0**

TSSOP									
Z1620GAGN	RA-CML	MR083033	R1	CY2309ZC-1H	121	0	168	79	0
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	121	0	168	80	0
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	121	0	168	80	0

Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	121	0	168	30	0
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Summary for Package Family: TSSOP

4 records

Sum 269 0

TSSOP (Pb-Free)

ZZ1620GAN	CML-RA	082004	R1	CY23EP09ZXC-1HT	121	0	168	74	0
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	121	0	168	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	121	0	168	80	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	121	0	168	80	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	121	0	168	80	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	121	0	168	80	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	121	0	168	80	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	121	0	168	80	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	121	0	168	30	0
ZZ0812BGL	T	MR092023	R1A	CY2304NZX1-1	121	0	168	77	0

Summary for Package Family: TSSOP (Pb-Free)

10 records

Sum 741 0

VFBGA (0.75-0.8, 0.3mm)

BV48AAALE	G-TAIWAN	MR083013	R1	CY62157DV30LL-55BVI	121	0	168	80	0
BV48AACALE	AT	MR084063	R1	CY62157DV30LL-70BVI	121	0	168	80	0
BV48ABEALE	A	MR091041	R1	CY62167EV30LL-45BVI	121	0	168	79	0
BV48ABEALE	AT	MR092012	R1	CY62167EV30LL-45BVI	121	0	168	30	0
BV48BNALE	G	RR084014	R1	CY62167DV30LL-55BVI	121	0	168	77	0

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

5 records

Sum 346 0

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

BZ56GABGL	RA-CML	080308	R1	CY7C68013A	121	0	168	76	0
BZ56GABGL	RA-CML	080308	R2	CY7C68013A	121	0	168	65	0
BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	121	0	168	80	0
BZ56GABGL	RA-CML	MR083005	R1	CY7C68053-56BAXIT	121	0	168	80	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	121	0	168	80	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	121	0	168	77	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	121	0	168	80	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	121	0	168	79	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	121	0	168	80	0
BZ48CFAALL	G	MR084035	R1	CY62158EV30LL-45BVXI	121	0	168	79	0
BZ100DGALL	RA	MR084069	R1	CYWB0124AB-BVXIT	121	0	168	64	0
BZ100DGALL	RA	MR084069	R2	CYWB0124AB-BVXIT	121	0	168	80	0
BZ100DGALL	RA	MR084069	R3	CYWB0124AB-BVXIT	121	0	168	79	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	121	0	168	80	0
BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	121	0	168	80	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	121	0	168	80	0
BZ100DAALL	G	MR091028	R1	CS7129AMT	121	0	168	80	0
BZ48CFAALL	G	MR091029	R1	CY62157EV30LL-45BVXI	121	0	168	80	0
BZ48DAGLL	RA	MR091033	R1	CY62137FV30LL-45BVXIT	121	0	168	80	0
BZ48ABEALL	AT	MR091034	R1	CY62167EV30LL-45BVXI	121	0	168	80	0
BZ48ABLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	121	0	168	30	0
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	121	0	168	30	0



BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	121	0	168	30	0
BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	121	0	96	30	0
Summary for Package Family: VFBGA (0.75-0.8, 0.3mm, Pb-Free)				24	records				
Sum								1679	0

Summary Detail -- TCT Performance Over Time

BUILDKIT	ASSY SITE	EVALNUM	TV	DEVICE	TEMP	VOLT	READOUT	SS	REJECT	FA	COMMENTS
FBGA (0.75-0.8, 0.3mm, Pb-free)											
BK60AAALE	G-TAIWAN	MR082069	R1	CY7C1061AV33-10BAXI	65/150	0	500	80	0		
BK60AAALE	G-TAIWAN	MR082069	R1	CY7C1061AV33-10BAXI	65/150	0	1000	63	0		
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	65/150	0	500	80	0		
BK48DJALL	G	MR083050	R1	CY62177DV30LL-55BAXI	65/150	0	1000	80	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	65/150	0	500	80	0		
BK48DQBLL	G	MR084056	R1	CG7081AM	65/150	0	1000	79	0		
BK48CDGLL	G	MR091060	R1	CY7C1041CV33-10BAXA	65/150	0	500	75	0		
BK48CDGLL	G	MR091060	R1	CY7C1041CV33-10BAXA	65/150	0	1000	75	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	65/150	0	500	29	0		
BK48CDGLL	G	MR092042	R1	CY7C1041CV33-10BAXAT	65/150	0	1000	29	0		
Summary for Package Family: FBGA (0.75-0.8, 0.3mm, Pb-free)			10	records							
Sum								670	0		
FBGA (1.0-1.27)											
BB165AVLE	RA-CML	MR082070	R1	CY7C1313BV18-250BZC	65/150	0	500	75	0		
BB165AVLE	RA-CML	MR082070	R1	CY7C1313BV18-250BZC	65/150	0	1000	74	0		
BB172BALE	G	MR084070	R1A	CY7C0852V-133BBI	65/150	0	500	137	0		
BB172BALE	G	MR084070	R1A	CY7C0852V-133BBI	65/150	0	1000	137	0		
BB165ALLE	G	MR092017	R1	CY7C1312BV18-200BZC	65/150	0	500	30	0		
BB165ALLE	G	MR092017	R1	CY7C1312BV18-200BZC	65/150	0	1000	30	0		
Summary for Package Family: FBGA (1.0-1.27)			6	records							
Sum								483	0		
FBGA (1.0-1.27, Pb-free)											
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	65/150	0	500	74	0		
BW165AZALL	AT	083601	R1	CY1512V18-200BZXC	65/150	0	1000	74	0		
BW165AZALL	AT	083601	R2	CY7C1512V18-200BZXC	65/150	0	500	77	0		
BW165AZALL	AT	083601	R2	CY7C1512V18-200BZXC	65/150	0	1000	77	0		
BW165AZALL	AT	083601	R3	CY7C1512V18-200BZXC	65/150	0	500	76	0		
BW165AZALL	AT	083601	R3	CY7C1512V18-200BZXC	65/150	0	1000	76	0		
BW100EAGL	G-TAIWAN	MR083027	R1	CYP15G010DXB-BBXI	65/150	0	500	80	0		
BW100EAGL	G-TAIWAN	MR083027	R1	CYP15G010DXB-BBXI	65/150	0	1000	76	0		
BW100EAGL	G	MR084067	R1	CYP15G0101DXB-BBXC	65/150	0	500	80	0		
BW100EAGL	G	MR084067	R1	CYP15G0101DXB-BBXC	65/150	0	1000	80	0		
BW100AALL	AT	MR091061	R1	CYP15G0101DXB-BBXI	65/150	0	500	80	0		

BW100AAALL	AT	MR091061	R1	CYP15G0101DXB-BBXI	-	0	1000	80	0
BW100CAGL	G	MR092052	R1	CY7B994V-2BBXIT	65/150	0	500	30	0
BW100CAGL	G	MR092052	R1	CY7B994V-2BBXIT	-	0	1000	30	0
BW100EAGL	G	RR083026	R1	CYP15G0101DXB-BBXI	65/150	0	800	80	0
BW100EAGL	G	RR083026	R1	CYP15G0101DXB-BBXI	-	0	500	80	0
BW100EAGL	G	RR083026	R1	CYP15G0101DXB-BBXI	65/150	0	300	80	0
BW100EAGL	G	RR083026	R1	CYP15G0101DXB-BBXI	-	0	1000	80	0
BW100EAGL	G	RR083026	R1	CYP15G0101DXB-BBXI	65/150	0	100	80	0
BW100EAGL	G	RR083026	R2	CYP15G0101DXB-BBXI	-	0	800	80	0
BW100EAGL	G	RR083026	R2	CYP15G0101DXB-BBXI	65/150	0	500	80	0
BW100EAGL	G	RR083026	R2	CYP15G0101DXB-BBXI	-	0	300	80	0
BW100EAGL	G	RR083026	R2	CYP15G0101DXB-BBXI	65/150	0	1000	80	0
BW100EAGL	G	RR083026	R2	CYP15G0101DXB-BBXI	-	0	100	80	0
BW100EAGL	G	RR083026	R3	CYV15G0101DXB-BBXI	65/150	0	800	80	0
BW100EAGL	G	RR083026	R3	CYV15G0101DXB-BBXI	-	0	500	80	0
BW100EAGL	G	RR083026	R3	CYV15G0101DXB-BBXI	65/150	0	300	80	0
BW100EAGL	G	RR083026	R3	CYV15G0101DXB-BBXI	-	0	1000	80	0
BW100EAGL	G	RR083026	R3	CYV15G0101DXB-BBXI	65/150	0	100	80	0
BW100EAGL	G	RR083026	R4	CYP15G0101DXB-BBXC	-	0	800	79	0
BW100EAGL	G	RR083026	R4	CYP15G0101DXB-BBXC	65/150	0	500	79	0
BW100EAGL	G	RR083026	R4	CYP15G0101DXB-BBXC	-	0	300	80	0
BW100EAGL	G	RR083026	R4	CYP15G0101DXB-BBXC	65/150	0	1000	79	0
BW100EAGL	G	RR083026	R4	CYP15G0101DXB-BBXC	-	0	100	80	0

Summary for Package Family: FBGA (1.0-1.27, Pb-free)

34 records

Sum 2587 0

FLIPCHIP CSP (Pb-Free)

FN81BGAN	AU - Amkor Taiwan	080501	R1	CYWB0124ABX-FDXIT	-	0	1000	74	0
FN81BGAN	AU - Amkor Taiwan	080501	R2	CYWB0124ABX-FDXIT	65/150	0	1000	80	0
FN81BGAN	AU - Amkor Taiwan	080501	R3	CYWB0124ABX-FDXIT	-	0	1000	77	0
FN81BBGAN	AU	082901	R1	CYWB0226ABSX-FDXIES	-	0	500	83	0
FN81BBGAN	AU	082901	R1	CYWB0226ABSX-FDXIES	55/125	0	1000	81	0
FN81BBGAN	AU	082901	R2	CYWB0226ABSX-FDXIES	-	0	500	110	0
FN81BBGAN	AU	082901	R2	CYWB0226ABSX-FDXIES	55/125	0	1000	106	0
FN81BBGAN	AU	082901	R3	CYWB0226ABSX-FDXIES	-	0	500	112	0
FN81BBGAN	AU	082901	R3	CYWB0226ABSX-FDXIES	55/125	0	1000	112	0

Summary for Package Family: FLIPCHIP CSP (Pb-Free)

9 records

Sum								835	0
PBGA (1.27)									
BG119SALE	G-TAIWAN	MR083001	R1	CY7C1354C-166BGC	-	0	500	80	0
					65/150				
BG119SALE	G-TAIWAN	MR083001	R1	CY7C1354C-166BGC	-	0	1000	80	0
					65/150				
BG119SALE	G	MR084037	R1	CY7C1354C-166BGC	-	0	500	80	0
					65/150				
BG119SALE	G	MR084037	R1	CY7C1354C-166BGC	-	0	1000	78	0
					65/150				
BG119ADALE	AT	MR084081	R1	CY7C1354C-166BGC	-	0	500	40	0
					65/150				
BG119ADALE	AT	MR084081	R1	CY7C1354C-166BGC	-	0	1000	40	0
					65/150				
BG119ADALE	AT	MR084081	R2	CY7C1354C-166BGC	-	0	500	40	0
					65/150				
BG119ADALE	AT	MR084081	R2	CY7C1354C-166BGC	-	0	1000	40	0
					65/150				
BG119ADALE	AT	MR084081	R3	CY7C1354C-166BGC	-	0	500	40	0
					65/150				
BG119ADALE	AT	MR084081	R3	CY7C1354C-166BGC	-	0	1000	40	0
					65/150				
Summary for Package Family: PBGA (1.27)			10	records					
Sum								558	0
PBGA (1.27, Pb-free)									
BY484SCGL	G-TAIWAN	083104	R6	7C08652AC-GBYC	-	0	500	50	0
					65/150				
BY484SCGL	G-TAIWAN	083104	R6	7C08652AC-GBYC	-	0	1000	50	0
					65/150				
BY484SCGL	G-TAIWAN	083104	R7	7C08652AC-**GBYC	-	0	500	52	0
					65/150				
BY484SCGL	G-TAIWAN	083104	R7	7C08652AC-**GBYC	-	0	1000	52	0
					65/150				
BY484SCGL	G-TAIWAN	083104	R8	7C08652AC-GBYC	-	0	500	54	0
					65/150				
BY484SCGL	G-TAIWAN	083104	R8	7C08652AC-GBYC	-	0	1000	54	0
					65/150				
BY119YALL	G	MR092050	R1	CY7C1062DV33-10BGXI	-	0	500	29	0
					65/150				
BY119YALL	G	MR092050	R1	CY7C1062DV33-10BGXI	-	0	1000	29	0
					65/150				
Summary for Package Family: PBGA (1.27, Pb-free)			8	records					
Sum								370	0
PBGA (Cavity/Heat Sink)									
BL256L2GE	G	MR084066	R1	CYP15G0401DXB-BGI	-	0	500	76	0
					65/150				
BL256L2GE	G	MR084066	R1	CYP15G0401DXB-BGI	-	0	1000	75	0
					65/150				
Summary for Package Family: PBGA (Cavity/Heat Sink)			2	records					
Sum								151	0
PDIP (Pb-Free)									
PZ286EAAGN	X	092014	R5	7C62256NEC-**XPZC	-	-65	500	80	0
					65/150				
PZ286EAAGN	X	092014	R6	7C62256NEC-**XPZC	-	-65	500	80	0
					65/150				
PZ183DBGN	RA-CML	MR083022	R1	CY7C63723C-PXC	-	0	500	80	0
					65/150				
PZ183DBGN	RA-CML	MR083022	R1	CY7C63723C-PXC	-	0	1000	80	0
					65/150				
PZ283AAAGN	X-THAILAND	MR083047	R1	CY8C24423A-24PXI	-	0	500	80	0
					65/150				
PZ283AAAGN	X-THAILAND	MR083047	R1	CY8C24423A-24PXI	-	0	1000	80	0
					65/150				
PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	-	0	500	80	0
					65/150				

PZ2831HAAS	O-OMEDATA	MR083052	R1	CY7C199CN-15PXC	-	0	1000	80	0
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	65/150	0	500	80	0
PZ243AAAGN	X	MR084028	R1	CY7C63743C-PXC	-	0	1000	80	0
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	65/150	0	500	80	0
PZ283AAAGN	X	MR084031	R1	CY8C27443-24PXI	-	0	1000	80	0
PZ183DBGN	RA	MR084050	R1	CS6632AF	65/150	0	500	99	0
PZ183DBGN	RA	MR084050	R1	CS6632AF	-	0	1000	99	0
PZ183DBGN	RA	MR091008	R1	CY7C63723C-PXC	65/150	0	500	80	0
PZ183DBGN	RA	MR091008	R1	CY7C63723C-PXC	-	0	1000	80	0
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	65/150	0	500	78	0
PZ283ACAGL	X	MR091039	R1	CY7C199CN-15PXC	-	0	1000	78	0
PZ283AAAGN	X	MR091044	R1	CG6993AM	65/150	0	500	80	0
PZ283AAAGN	X	MR091044	R1	CG6993AM	-	0	1000	80	0
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	65/150	0	500	30	0
PZ283AAAGN	X	MR092030	R1	CY8C24423A-24PXI	-	0	1000	30	0
PZ183ABBGN	X-THAILAND	NR083005	R1	CY7C63231A-PXC	65/150	0	500	77	0
PZ183ABBGN	X-THAILAND	NR083005	R1	CY7C63231A-PXC	-	0	1000	77	0
PZ283ABALL	X-THAILAND	NR083005	R2	CY8C27443-24PXI	65/150	0	500	77	0
PZ283ABALL	X-THAILAND	NR083005	R2	CY8C27443-24PXI	-	0	1000	77	0
PZ183ABBGN	X-THAILAND	NR083005	R3	CY7C63231A-PXC	65/150	0	500	77	0
PZ183ABBGN	X-THAILAND	NR083005	R3	CY7C63231A-PXC	-	0	1000	77	0
Summary for Package Family: PDIP (Pb-Free)			28	records				2156	0
Sum									
PLCC									
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	-	0	500	81	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	65/150	0	2500	81	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	-	0	2000	81	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	65/150	0	1500	80	0
J32RBGAAGB	X-MMT	MR083024	R1	CY7B991V-5JI	-	0	1000	81	0
Summary for Package Family: PLCC			5	records				404	0
Sum									
PLCC (Pb-Free)									
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	-	0	500	80	0
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	65/150	0	300	80	0
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	-	0	1000	80	0
JZ52SFGAN	M-PHILS	MR083026	R1	CY7C131-55JXC	65/150	0	100	80	0
JZ52SFGAN	M	MR084046	R1	7C136GT-**MJXCT	-	0	500	80	0

JZ52SFGAN	M	MR084046	R1	7C136GT-**MJXCT	-	0	1000	80	0
JZ52SFGAN	M	MR084074	R1	CY7C131-25JXCT	65/150	0	500	77	0
JZ52SFGAN	M	MR084074	R1	CY7C131-25JXCT	-	0	1000	77	0
JZ28SBGAN	M	MR091037	R1	CY7B933-JXC	65/150	0	500	80	0
JZ28SBGAN	M	MR091037	R1	CY7B933-JXC	-	0	1000	80	0

Summary for Package Family: PLCC (Pb-Free)

10 records

Sum **794** **0**

PQFP (Pb-free)

NZ52DXGAN	G-TAIWAN	MR083007	R1	CY7C136-55NXC	-	0	500	80	0
NZ52DXGAN	G-TAIWAN	MR083007	R1	CY7C136-55NXC	65/150	0	1000	80	0
NZ52DXGAN	G	MR084053	R1	7C136GT-**GNZC	-	0	500	80	0
NZ52DXGAN	G	MR084053	R1	7C136GT-**GNZC	65/150	0	1000	80	0
NZ52DXGAN	G	MR091025	R1	CY7C136-55NXCT	-	0	500	79	0
NZ52DXGAN	G	MR091025	R1	CY7C136-55NXCT	65/150	0	1000	79	0

Summary for Package Family: PQFP (Pb-free)

6 records

Sum **478** **0**

QFN (0.4mm, Saw Type, Pb-free)

LN32AAAAAL	CA-Malaysia	082008	R1	CY8C21434-24LCXI	-	0	1000	75	0
LN32AAAAAL	CA-Malaysia	082008	R2	CY821434-24LCXI	65/150	0	1000	77	0
LN32AAAAAL	CA-Malaysia	082008	R3	CY821434-24LCXI	-	0	1000	79	0
LN32AAAAAL	CA-THAILAND	MR083049	R1	CP7052ATT	65/150	0	500	80	0
LN32AAAAAL	CA-THAILAND	MR083049	R1	CP7052ATT	-	0	1000	80	0
LN32AAAAAL	CA	MR084040	R1	CP7052ATT	65/150	0	500	80	0
LN32AAAAAL	CA	MR084040	R1	CP7052ATT	-	0	1000	80	0
LN32AAAAAL	CA	MR091052	R1	CP7052BTT	65/150	0	500	73	0
LN32AAAAAL	CA	MR091052	R1	CP7052BTT	-	0	1000	72	0

Summary for Package Family: QFN (0.4mm, Saw Type, Pb-free)

9 records

Sum **696** **0**

QFN (0.6mm, Punch Type, Pb-Free)

LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	-	0	500	80	0
LK32AABAGL	L-KOREA	MR083006	R1	CY8C20424-12LKXI	65/150	0	1000	80	0
LK32AABAG	L	MR084008	R1	CY8C20434-12LKXI	-	0	500	80	0
LK32AABAG	L	MR084008	R1	CY8C20434-12LKXI	65/150	0	1000	80	0
LK32AABAGL	L	MR091011	R1	CY8C20434-12LKXIT	-	0	500	80	0
LK32AABAGL	L	MR091011	R1	CY8C20434-12LKXIT	65/150	0	1000	80	0
LK32AABAGL	L	MR092044	R1	CY8C20434-12LKXIT	-	0	500	30	0
LK32AABAGL	L	MR092044	R1	CY8C20434-12LKXIT	65/150	0	1000	30	0

Summary for Package Family: QFN (0.6mm, Punch Type, Pb-Free)

8 records

Sum							540	0	
QFN (0.6mm, Saw Type, Pb-Free)									
LQ32DAGLL	CA	082109	R1	CY8C204345-12LQXI	-	0	500	80	0
LQ32DAGLL	CA	082109	R1	CY8C204345-12LQXI	65/150	0	1000	80	0
LQ32DAGLL	CA	082109	R2	CY8C204345-12LQXI	65/150	0	500	80	0
LQ32DAGLL	CA	082109	R2	CY8C204345-12LQXI	-	0	1000	80	0
LQ32DAGLL	CA	082109	R3	CY8C204345-12LQXI	65/150	0	500	80	0
LQ32DAGLL	CA	082109	R3	CY8C204345-12LQXI	-	0	1000	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	65/150	0	500	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R1	CY8C23533-24LQXI	-	0	1000	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R2	CY8C23533-24LQXI	65/150	0	500	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R2	CY8C23533-24LQXI	-	0	1000	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R3	CY8C23533-24LQXI	65/150	0	500	80	0
LQ32DAGLL	CA-MALAYSIA	082602	R3	CY8C23533-24LQXI	-	0	1000	80	0
LQ32DAGLL	CA-Malaysia	083401	R1	CY8C20466A	65/150	0	500	77	0
LQ32DAGLL	CA-Malaysia	083401	R1	CY8C20466A	-	0	1000	77	0
LQ32DAGLL	CA	083401	R2	CY8C20466-24LQXI	65/150	0	500	77	0
LQ32DAGLL	CA	083401	R2	CY8C20466-24LQXI	-	0	1000	77	0
LQ32DAGLL	CA	083401	R4	CY8C20466-24LQXI	65/150	0	500	77	0
LQ32DAGLL	CA	083401	R4	CY8C20466-24LQXI	-	0	1000	77	0
LQ32ACAAGL	MB	083909	R1	CY8C204345-12LQXI	150	0	500	80	0
LQ32ACAAGL	MB	083909	R1	CY8C204345-12LQXI	-	0	1000	80	0
LQ32ACAAGL	MB	083909	R2	CY8C204345-12LQXI	150	0	500	80	0
LQ32ACAAGL	MB	083909	R2	CY8C204345-12LQXI	-	0	1000	80	0
LQ32ACAAGL	MB	083909	R3	CY8C204345-12LQXI	150	0	500	80	0
LQ32ACAAGL	MB	083909	R3	CY8C204345-12LQXI	-	0	1000	80	0
LQ24AAAAAL	RA	084602	R1	CY8C20324-12LQXI	65/150	0	500	77	0
LQ24AAAAAL	RA	084602	R1	CY8C20324-12LQXI	-	0	1000	77	0
LQ24AAAAAL	RA	084602	R2	CY8C20324-12LQXI	65/150	0	500	80	0
LQ24AAAAAL	RA	084602	R2	CY8C20324-12LQXI	-	0	1000	80	0
LQ24AAAAAL	RA	084602	R3	CY8C20324-12LQXI	65/150	0	500	80	0
LQ24AAAAAL	RA	084602	R3	CY8C20324-12LQXI	-	0	1000	80	0
LQ24AAAAAL	RA	084602	R4	CY8C20324-12LQXI	65/150	0	500	80	0
LQ24AAAAAL	RA	084602	R4	CY8C20324-12LQXI	-	0	1000	80	0
LQ24AAAAAL	RA	084602	R5	CY8C20324-12LQXI	65/150	0	500	80	0
LQ24AAAAAL	RA	084602	R5	CY8C20324-12LQXI	-	0	1000	80	0
LQ24AAAAAL	RA	084602	R6	CY8C20324-12LQXI	65/150	0	500	80	0
LQ24AAAAAL	RA	084602	R6	CY8C20324-12LQXI	-	0	1000	80	0

					65/150				
LQ32ACAAGL	M	084609	R1	CY24292LFXI	-	0	500	80	0
LQ32ACAAGL	M	084609	R1	CY24292LFXI	65/150	0	1000	80	0
LQ32ACAAGL	M	084609	R2	CY24292LFXC	-	0	500	79	0
LQ32ACAAGL	M	084609	R2	CY24292LFXC	65/150	0	1000	79	0
LQ32ACAAGL	M	084609	R3	CY24292LFXC	-	0	500	80	0
LQ32ACAAGL	M	084609	R3	CY24292LFXC	65/150	0	1000	80	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	125	0	500	77	0
LQ24ADAAGL	CA	084701	R1	CY8CTST200-24LQXI	125	0	1000	77	0
LQ24ADAAGL	CA	084701	R2	CY8C20366-24LQXI	-	0	500	77	0
LQ24ADAAGL	CA	084701	R2	CY8C20366-24LQXI	65/150	0	1000	77	0
LQ24ADAAGL	CA	084701	R3	CY8C20346-24LQXI	-	0	500	76	0
LQ24ADAAGL	CA	084701	R3	CY8C20346-24LQXI	65/150	0	1000	76	0
LQ32DAGLL	CA	090301	R1A (1)	CY8C20466-24LQXI	-	0	500	77	0
LQ32DAGLL	CA	090301	R1A (1)	CY8C20466-24LQXI	65/150	0	1000	77	0
LQ32DAGLL	CA	090301	R1B (1)	CY8C20466-24LQXI	-	0	500	77	0
LQ32DAGLL	CA	090301	R1B (1)	CY8C20466-24LQXI	65/150	0	1000	77	0
LQ32DAGLL	CA	090301	R1C (1)	CY8C20466-24LQXI	-	0	500	73	0
LQ32DAGLL	CA	090301	R1C (1)	CY8C20466-24LQXI	65/150	0	1000	73	0
LQ32DAGLL	CA	090301	R2B (1)	CY8C20466-24LQXI	-	0	500	77	0
LQ32DAGLL	CA	090301	R2B (1)	CY8C20466-24LQXI	65/150	0	1000	77	0
LQ24ABAAL	AT-THAILAND	MR083053	R1	CY8C20324-12LQXI	-	0	500	80	0
LQ24ABAAL	AT-THAILAND	MR083053	R1	CY8C20324-12LQXI	65/150	0	1000	80	0
LQ24ABAAL	AT	MR084039	R1	CY8C20324-12LQXI	-	0	500	80	0
LQ24ABAAL	AT	MR084039	R1	CY8C20324-12LQXI	65/150	0	1000	80	0
LQ24ABAAL	AT	MR091040	R1	CP6836ATT	-	0	500	80	0
LQ24ABAAL	AT	MR091040	R1	CP6836ATT	65/150	0	1000	80	0
LQ24ABAAL	AT	MR092009	R1	CY8C20324-12LQXI	-	0	500	30	0
LQ24ABAAL	AT	MR092009	R1	CY8C20324-12LQXI	65/150	0	1000	30	0
LQ32DAGLL	CA	MR092054	R1	CY8C20466-24LQXI	-	0	500	30	0
LQ32DAGLL	CA	MR092054	R1	CY8C20466-24LQXI	65/150	0	1000	30	0
Summary for Package Family: QFN (0.6mm, Saw Type, Pb-Free)			66	records					
Sum								5002	0
QFN (COL, 0.6mm, Saw Type, Pb-free)									
LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	-	0	500	77	0
LG16AAAAAL	M	084404	R1	CY7C64316-16LKXC	65/150	0	1000	77	0
LG16AAAAAL	M	084404	R2	CY8CTST200-16LGXI	-	0	500	78	0
					65/150				

LG16AAAAAL	M	084404	R2	CY8CTST200-16LGXI	-	0	1000	77	0
LG16AAAAAL	M	084404	R3	CY7C64315-16LKXC	65/150	0	500	73	0
LG16AAAAAL	M	084404	R3	CY7C64315-16LKXC	-	0	1000	73	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	65/150	0	500	79	0
LG16AAAAAL	M-PHILS	MR083048	R1	CY8C20122-LDX2I	-	0	1000	77	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	65/150	0	500	80	0
LG16AAAAAL	M	MR084013	R1	CY8C20234-12LKXI	-	0	1000	80	0

Summary for Package Family: QFN (COL, 0.6mm, Saw Type, Pb-free) 10 records

Sum 771 0

QFN (Punch Type, Pb-Free)

LY56DGAGL	L	080904	R1	CY7C66113C-LFXC	-	0	500	80	0
LY56DGAGL	L	080904	R1	CY7C66113C-LFXC	65/150	0	1000	80	0
LY56DGAGL	L	080904	R2	CY7C66113C-LFXC	-	0	500	80	0
LY56DGAGL	L	080904	R2	CY7C66113C-LFXC	65/150	0	1000	80	0
LY32BGAGL	RA	083604	R1	CY8C21434-24LFXI	-	0	500	80	0
LY32BGAGL	RA	083604	R1	CY8C21434-24LFXI	65/150	0	1000	79	0
LY32BGAGL	RA	083604	R2	CY8C21434-24LFXI	-	0	500	80	0
LY32BGAGL	RA	083604	R2	CY8C21434-24LFXI	65/150	0	1000	80	0
LY32BGAGL	RA	083604	R3	CY8C21434-24LFXI	-	0	500	80	0
LY32BGAGL	RA	083604	R3	CY8C21434-24LFXI	65/150	0	1000	80	0
LY32BGAGL	RA-CML	083905	R1	CY8C21434-24LFXI	-	0	500	80	0
LY32BGAGL	RA-CML	083905	R1	CY8C21434-24LFXI	65/150	0	1000	80	0
LY32BGAGL	RA-CML	083905	R2	CY8C21434-24LFXI	-	0	500	75	0
LY32BGAGL	RA-CML	083905	R2	CY8C21434-24LFXI	65/150	0	1000	75	0
LY32BGAGL	RA-CML	083905	R3	CY8C21434-24LFXI	-	0	500	80	0
LY32BGAGL	RA-CML	083905	R3	CY8C21434-24LFXI	65/150	0	1000	80	0
LY40ABGAGL	L	084603	R1	CYRF6936A-40LFXC	-	0	500	77	0
LY40ABGAGL	L	084603	R1	CYRF6936A-40LFXC	65/150	0	1000	77	0
LY40ABGAGL	L	084603	R2	CYRF6936A-40LFXC	-	0	500	77	0
LY40ABGAGL	L	084603	R2	CYRF6936A-40LFXC	65/150	0	1000	77	0
LY40ABGAGL	L	084603	R3	CYRF6936A-40LFXC	-	0	500	77	0
LY40ABGAGL	L	084603	R3	CYRF6936A-40LFXC	65/150	0	1000	77	0
LY56DGAGL	L	090405	R1	CY8C24894-24LFXI	-	0	500	85	0
LY56DGAGL	L	090405	R2	CY8C24894-24LFXI	65/150	0	500	85	0
LY56DGAGL	L	090405	R3	CY8C24894-24LFXI	-	0	500	85	0
LY40BGAGL	L-KOREA	MR083058	R1	CYRF6936-40LFXC	65/150	0	500	80	0

LY40BGAGL	L-KOREA	MR083058	R1	CYRF6936-40LFXC	-	0	1000	79	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	65/150	0	500	80	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	-	0	1000	9	0
LY68AGABGL	L	MR084009	R1	CS6656AAT	65/150	0	1000	71	0
LY40BGAGL	L	MR084014	R1	CYRF6936-40LFXC	-	0	500	80	0
LY40BGAGL	L	MR084014	R1	CYRF6936-40LFXC	65/150	0	1000	80	0
LY32AAAGR	L	MR084015	R1	CY8C21434-24LFXI	-	0	500	80	0
LY32AAAGR	L	MR084015	R1	CY8C21434-24LFXI	65/150	0	1000	80	0
LY68AGAAGL	L	MR091024	R1	CY8CLED04-68LFXI	-	0	500	80	0
LY68AGAAGL	L	MR091024	R1	CY8CLED04-68LFXI	65/150	0	1000	80	0
LY40ABGAGL	L	MR091030	R1	CS7067AT	-	0	500	80	0
LY40ABGAGL	L	MR091030	R1	CS7067AT	65/150	0	1000	80	0
LY32AAAGR	L	MR091032	R1	CS6624AA	-	0	500	80	0
LY32AAAGR	L	MR091032	R1	CS6624AA	65/150	0	1000	80	0
LY40CGAGR	L	MR092032	R1	CYRF69103-40LFXC	-	0	500	30	0
LY40CGAGR	L	MR092032	R1	CYRF69103-40LFXC	65/150	0	1000	30	0
LY32AAAGR	L	MR092041	R1	CY8C21434-24LFXI	-	0	500	30	0
LY32AAAGR	L	MR092041	R1	CY8C21434-24LFXI	65/150	0	1000	29	0

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

44 records

Sum 3224 0

QFN (Saw Type, Pb-free)

LT56ABAAGL	CA-Malaysia	075103	R1	CY8CLED04DOCD1-56ES	-	0	500	90	0
LT56ABAAGL	CA-Malaysia	075103	R1	CY8CLED04DOCD1-56ES	65/150	0	1000	89	0
LT56ABAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	-	0	500	90	0
LT56ABAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	65/150	0	1500	90	0
LT56ABAAGL	CA-Malaysia	075103	R2	CY8CLED04DOCD1-56ES	-	0	1000	90	0
LT56ABAAGL	CA	075103	R3	CY8CLED04D01-56LTXI	65/150	0	500	90	0
LT56ABAAGL	CA	075103	R3	CY8CLED04D01-56LTXI	-	0	1000	90	0
LT32BGAGL	RA-CML	082902	R1	CY8C21434-24LTXI	65/150	0	1000	79	0
LT32BGAGL	RA-CML	082902	R3	CY8C21434-24LTXI	-	0	1000	80	0
LT48ABAAGR	CA	083701	R1	CYWUSB6934-48LTXC	-	0	500	77	0
LT48ABAAGR	CA	083701	R1	CYWUSB6934-48LTXC	65/150	0	1000	77	0
LT48ABAAGR	CA	083701	R2	CYWUSB6934-48LTXC	-	0	500	77	0
LT48ABAAGR	CA	083701	R2	CYWUSB6934-48LTXC	65/150	0	1000	77	0
LT48ABAAGR	CA	083701	R3	CYWUSB6934-48LTXC	-	0	500	77	0
LT48ABAAGR	CA	083701	R3	CYWUSB6934-48LTXC	65/150	0	1000	77	0

LT32BAAGGL	M	083907	R1	CY8C21434-24LTXI	-	0	500	80	0
LT32BAAGGL	M	083907	R1	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BAAGGL	M	083907	R2	CY8C21434-24LTXI	-	0	500	80	0
LT32BAAGGL	M	083907	R2	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BAAGGL	M	083907	R3	CY8C21434-24LTXI	-	0	500	79	0
LT32BAAGGL	M	083907	R3	CY8C21434-24LTXI	65/150	0	1000	79	0
LT68ABCAGL	AE	084005	R1	CY8C24994-24LTXI	-	0	500	80	0
LT68ABCAGL	AE	084005	R1	CY8C24994-24LTXI	65/150	0	1000	80	0
LT68ABCAGL	AE	084005	R2	CY8C24994-24LTXI	-	0	500	80	0
LT68ABCAGL	AE	084005	R2	CY8C24994-24LTXI	65/150	0	1000	80	0
LT56BCAAGL	AE	084005	R3	CY7C65640A-LTXC	-	0	500	80	0
LT56BCAAGL	AE	084005	R3	CY7C65640A-LTXC	65/150	0	1000	80	0
LT68ABCAGL	AE	084005	R4	CY8C24994-24LTXI	-	0	500	80	0
LT68ABCAGL	AE	084005	R4	CY8C24994-24LTXI	65/150	0	1000	80	0
LT68ABCAGL	AE	084005	R5	CY8C24994-24LTXI	-	0	500	80	0
LT68ABCAGL	AE	084005	R5	CY8C24994-24LTXI	65/150	0	1000	80	0
LT56BCAAGL	AE	084005	R6	CY7C65640A-LTXC	-	0	500	80	0
LT56BCAAGL	AE	084005	R6	CY7C65640A-LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R1	CYRF6936-40LTXC	-	0	500	80	0
LT40ACAAGL	AE	084006	R1	CYRF6936-40LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R2	CYRF6936-40LTXC	-	0	500	80	0
LT40ACAAGL	AE	084006	R2	CYRF6936-40LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R3	CYRF6936-40LTXC	-	0	500	80	0
LT40ACAAGL	AE	084006	R3	CYRF6936-40LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R4	CYRF6936-40LTXC	-	0	500	80	0
LT40ACAAGL	AE	084006	R4	CYRF6936-40LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R5	CYRF6936-40LTXC	-	0	500	80	0
LT40ACAAGL	AE	084006	R5	CYRF6936-40LTXC	65/150	0	1000	80	0
LT40ACAAGL	AE	084006	R6	CYRF6936-40LTXC	-	0	1000	80	0
LT40ACAAGL	AE	084006	R6	CYRF6936-40LTXC	65/150	0	1000	80	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R1	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BBACGL	AE	084007	R2	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R2	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BBACGL	AE	084007	R3	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R3	CY8C21434-24LTXI	65/150	0	1000	80	0

LT32BBACGL	AE	084007	R4	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R4	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BBACGL	AE	084007	R5	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R5	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BBACGL	AE	084007	R6	CY8C21434-24LTXI	-	0	500	80	0
LT32BBACGL	AE	084007	R6	CY8C21434-24LTXI	65/150	0	1000	80	0
LT32BAABGL	RA	092002	R1	CY8C21434-24LTXI	-	0	500	80	0
LT32BAABGL	RA	092002	R2	CY8C21434-24LTXI	65/150	0	500	80	0
LT32BAABGL	RA	092002	R3	CY8C21434-24LTXI	-	0	500	80	0
LT32BAAAGL	CA-THAILAND	MR083038	R1	CG7032AA	-	0	500	80	0
LT32BAAAGL	CA-THAILAND	MR083038	R1	CG7032AA	65/150	0	1000	80	0
LT32BAAAGL	CA	MR084041	R1	CG7032AA	-	0	500	80	0
LT32BAAAGL	CA	MR084041	R1	CG7032AA	65/150	0	1000	80	0
LT32BAABGL	RA	MR091009	R1	CG7032AA	-	0	500	80	0
LT32BAABGL	RA	MR091009	R1	CG7032AA	65/150	0	1000	80	0
LT32BAABGL	RA	MR092034	R1	CY8C21434-24LTXI	-	0	500	30	0
LT32BAABGL	RA	MR092034	R1	CY8C21434-24LTXI	65/150	0	1000	30	0
LT32BAAGGL	M	MR092051	R1	CG6644FA	-	0	500	28	0
LT32BAAGGL	M	MR092051	R1	CG6644FA	65/150	0	1000	28	0

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

69 records

Sum 5364 0

QSOP (Pb-Free)

SQ2414AGN	R-CML	MR082036	R1	CY7C63823-QXC	-	0	1000	73	0
SQ2414ABGN	R-CML	MR083023	R1	CY7C63743C-QXC	65/150	0	500	80	0
SQ2414ABGN	R-CML	MR083023	R1	CY7C63743C-QXC	-	0	1000	79	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	65/150	0	800	78	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	-	0	500	80	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	65/150	0	300	80	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	-	0	1000	78	0
SQ2414ABGN	R	MR084027	R1	CY7C60223-QXC	65/150	0	100	80	0
SQ2414ABGN	R	MR091002	R1	CY7C63743C-QXC	-	0	500	80	0
SQ2414ABGN	R	MR091002	R1	CY7C63743C-QXC	65/150	0	1000	80	0
SQ2414ABGN	R	MR092005	R1	CY7C63743C-QXC	-	0	500	29	0
SQ2414ABGN	R	MR092005	R1	CY7C63743C-QXC	65/150	0	1000	29	0

Summary for Package Family: QSOP (Pb-Free)

12 records

Sum 846 0

RTSOP (Pb-free)

ZY28R2ALN	R-CML	MR083030	R1	CY62256VNLL-70ZRKIT	-	0	500	79	0
ZY28R2ALN	R-CML	MR083030	R1	CY62256VNLL-70ZRKIT	65/150	0	1000	79	0
ZY28R2BLN	R	MR091010	R1	CY62256NLL-70ZRKIT	-	0	500	80	0
ZY28R2BLN	R	MR091010	R1	CY62256NLL-70ZRKIT	65/150	0	1000	80	0
Summary for Package Family: RTSOP (Pb-free)				4	records				
Sum								318	0
SNC (Pb-Free)									
SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	-	0	500	81	0
SY2831BBLN	R-CML	MR083016	R1	CY62256NLL-70SNXCT	65/150	0	1000	81	0
SY2831BBLN	R	MR084004	R1	CG7107AM	-	0	500	80	0
SY2831BBLN	R	MR084004	R1	CG7107AM	65/150	0	1000	80	0
SY2831BBLN	R	MR091007	R1	CY62256NLL-70SNXCT	-	0	500	80	0
SY2831BBLN	R	MR091007	R1	CY62256NLL-70SNXCT	65/150	0	1000	75	0
SY2831BBLN	R	MR092021	R1	CY62256NLL-70SNXCT	-	0	500	30	0
SY2831BBLN	R	MR092021	R1	CY62256NLL-70SNXCT	65/150	0	1000	30	0
Summary for Package Family: SNC (Pb-Free)				8	records				
Sum								537	0
SOIC									
S0815PBAGN	RA	MR091017	R1	CY2305SI-1HT	-	0	500	80	0
S0815PBAGN	RA	MR091017	R1	CY2305SI-1HT	65/150	0	1000	80	0
S0815PBAGN	RA	MR092027	R1	CY2305SC-1HT	-	0	500	29	0
S0815PBAGN	RA	MR092027	R1	CY2305SC-1HT	65/150	0	1000	29	0
Summary for Package Family: SOIC				4	records				
Sum								218	0
SOIC (J-Lead)									
V243GAAAGN	X	090302	R1	CY7C197BN-15VC	125	0	500	80	0
V243GAAAGN	X	090302	R1	CY7C197BN-15VC	125	0	1000	79	0
V243GAAAGN	X	090302	R2	CY7C197BN-15VC	125	0	500	80	0
V243GAAAGN	X	090302	R2	CY7C197BN-15VC	125	0	1000	80	0
V243GAAAGN	X	090302	R3	CY7C197BN-15VC	125	0	500	80	0
V243GAAAGN	X	090302	R3	CY7C197BN-15VC	125	0	1000	78	0
V243GAAAGN	X	090302	R4	CY7C197BN-15VC	125	0	500	80	0
V243GAAAGN	X	090302	R4	CY7C197BN-15VC	125	0	1000	80	0
V243GGABLE	O-THAILAND	MR083037	R1	CY7C197BN-15VCT	-	0	500	80	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	65/150	0	500	30	0
V32418BLL	R	MR092028	R1	CY7C109BNL-15VC	-	0	1000	30	0
Summary for Package Family: SOIC (J-Lead)				11	records				
Sum								777	0
SOIC (J-Lead, Pb-Free)									
VZ24	X	091906	R1	7C197B	-	0	500	76	0
VZ24	X	091906	R1	7C197B	65/150	0	1000	76	0

VZ24	X	091906	R2	7C197BN	-	0	500	76	0
VZ24	X	091906	R2	7C197BN	65/150	0	1000	76	0
VZ24	X	091906	R3	NA	-	0	500	77	0
VZ24	X	091906	R3	NA	65/150	0	1000	77	0
VZ444ACBLN	R	AR0836004	R1	CY7C1021DV33-10VXI	-	0	100	14	0
VZ444ACBLN	R	AR0836004	R1	CY7C1021DV33-10VXI	65/150	0	300	14	0
VZ444ACBLN	R	AR0836004	R1	CY7C1021DV33-10VXI	-	0	500	14	0
VZ444ACBLN	R	AR0836004	R1	CY7C1021DV33-10VXI	65/150	0	800	14	0
VZ444ACBLN	R	AR0836004	R1	CY7C1021DV33-10VXI	-	0	1000	14	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	-	0	500	80	0
VZ28313BLN	R-CML	MR083003	R1	CY7C1399BN-12VXC	65/150	0	1000	80	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	-	0	500	78	0
VZ444AABLL	R-CML	MR083035	R1	CY7C1021DV33-10VXI	65/150	0	1000	77	0
VZ3646BGLL	R	MR084001	R1	CY7C1049CV33-10VXCT	-	0	500	80	0
VZ3646BGLL	R	MR084001	R1	CY7C1049CV33-10VXCT	65/150	0	1000	80	0
VZ28313BLN	R	MR084019	R1	CY7C1399BN-12VXIT	-	0	500	80	0
VZ28313BLN	R	MR084019	R1	CY7C1399BN-12VXIT	65/150	0	1000	80	0
VZ28313BLN	R	MR091045	R1	CY7C1399BN-12VXCT	-	0	500	79	0
VZ28313BLN	R	MR091045	R1	CY7C1399BN-12VXCT	65/150	0	1000	79	0
VZ3649BALN	R	MR091046	R1	CG7119AM	-	0	500	80	0
VZ3649BALN	R	MR091046	R1	CG7119AM	65/150	0	1000	80	0
VZ28313BLN	R	MR092026	R1	CY7C1399BN-12VXCT	-	0	500	30	0
VZ28313BLN	R	MR092026	R1	CY7C1399BN-12VXCT	65/150	0	1000	30	0
VZ32420BLL	R	MR092036	R1	CY7C1019DV33-10VXI	-	0	500	30	0
VZ32420BLL	R	MR092036	R1	CY7C1019DV33-10VXI	65/150	0	1000	28	0
Summary for Package Family: SOIC (J-Lead, Pb-Free)			27	records					
Sum								1599	0
SOIC (Pb-Free)									
SZ815VAGN	M	071904	R2	CY24C16L-3SXIES	-	0	500	77	0
SZ815VAGN	M	071904	R2	CY24C16L-3SXIES	65/150	0	1000	77	0
SZ815VAGN	M	071904	R3	CY24C16L-3SXIES	-	0	500	77	0
SZ815VAGN	M	071904	R3	CY24C16L-3SXIES	65/150	0	1000	77	0
SZ815VAGN	M	071904	R4	CY24C16L-3SXIES	-	0	500	76	0
SZ815VAGN	M	071904	R4	CY24C16L-3SXIES	65/150	0	1000	76	0
SZ183CBGAN	RA-CML	AR0827007	R1	CY7C63723C-SXC	-	0	100	15	0
SZ183CBGAN	RA-CML	AR0827007	R1	CY7C63723C-SXC	65/150	0	300	15	0

SZ183CBGAN	RA-CML	AR0827007	R1	CY7C63723C-SXC	-	0	500	15	3	AR0827007_1T 3	Cut Wedge
SZ183CBGAN	RA-CML	AR0827007	R1	CY7C63723C-SXC	65/150	0	800	12	0		
SZ183CBGAN	RA-CML	AR0827007	R1	CY7C63723C-SXC	-	0	1000	12	0		
SZ183CBGAN	RA-CML	AR0827007	R1A	CY7C63723C-SXC	-	0	100	39	0		
SZ183CBGAN	RA-CML	AR0827007	R1A	CY7C63723C-SXC	65/150	0	300	39	0		
SZ183CBGAN	RA-CML	AR0827007	R1A	CY7C63723C-SXC	-	0	500	39	0		
SZ183CBGAN	RA-CML	AR0827007	R1A	CY7C63723C-SXC	65/150	0	800	39	0		
SZ183CBGAN	RA-CML	AR0827007	R1A	CY7C63723C-SXC	-	0	1000	39	0		
SZ183CBGAN	RA-CML	AR0827014	R1	CY7C63723C-SXC	65/150	0	100	20	0		
SZ183CBGAN	RA-CML	AR0827014	R1	CY7C63723C-SXC	-	0	300	20	0		
SZ183CBGAN	RA-CML	AR0827014	R1	CY7C63723C-SXC	65/150	0	500	20	0		
SZ183CBGAN	RA-CML	AR0827014	R1	CY7C63723C-SXC	-	0	800	20	0		
SZ183CBGAN	RA-CML	AR0827014	R1	CY7C63723C-SXC	65/150	0	1000	20	0		
SZ24315BGN	RA-CML	AR0827020	R1	CY7C63823-SXC	-	0	100	18	0		
SZ24315BGN	RA-CML	AR0827020	R1	CY7C63823-SXC	65/150	0	300	18	0		
SZ24315BGN	RA-CML	AR0827020	R1	CY7C63823-SXC	-	0	500	18	0		
SZ24315BGN	RA-CML	AR0827020	R1	CY7C63823-SXC	65/150	0	800	18	0		
SZ24315BGN	RA-CML	AR0827020	R1	CY7C63823-SXC	-	0	1000	18	0		
SZ183CBGAN	RA-CML	AR0828022	R1	CY7C63723C-SXC	65/150	0	100	20	0		
SZ183CBGAN	RA-CML	AR0828022	R1	CY7C63723C-SXC	-	0	300	20	0		
SZ183CBGAN	RA-CML	AR0828022	R1	CY7C63723C-SXC	65/150	0	500	20	0		
SZ183CBGAN	RA-CML	AR0828022	R1	CY7C63723C-SXC	-	0	800	20	0		
SZ183CBGAN	RA-CML	AR0828022	R1	CY7C63723C-SXC	65/150	0	1000	20	0		
SZ183CBGAN	RA-CML	AR0828023	R1	CY7C63723C-SXC	-	0	100	20	0		
SZ183CBGAN	RA-CML	AR0828023	R1	CY7C63723C-SXC	65/150	0	300	20	0		
SZ183CBGAN	RA-CML	AR0828023	R1	CY7C63723C-SXC	-	0	500	20	0		
SZ183CBGAN	RA-CML	AR0828023	R1	CY7C63723C-SXC	65/150	0	800	20	0		
SZ183CBGAN	RA-CML	AR0828023	R1	CY7C63723C-SXC	-	0	1000	20	0		
SZ183CBGAN	RA-CML	AR0828024	R1	CY7C63723C-SXC	65/150	0	100	20	0		
SZ183CBGAN	RA-CML	AR0828024	R1	CY7C63723C-SXC	-	0	300	20	0		
SZ183CBGAN	RA-CML	AR0828024	R1	CY7C63723C-SXC	65/150	0	500	20	0		
SZ183CBGAN	RA-CML	AR0828024	R1	CY7C63723C-SXC	-	0	800	20	0		
SZ183CBGAN	RA-CML	AR0828024	R1	CY7C63723C-SXC	65/150	0	1000	20	0		
SZ324513BN	R-CML	AR0833005	R1	CY62128BNLL-55SXI	-	0	100	17	0		
SZ324513BN	R-CML	AR0833005	R1	CY62128BNLL-55SXI	65/150	0	300	17	0		

SZ324513BN	R-CML	AR0833005	R1	CY62128BNLL-55SXI	-	0	500	17	0
SZ324513BN	R-CML	AR0833005	R1	CY62128BNLL-55SXI	65/150	0	800	17	0
SZ324513BN	R-CML	AR0833005	R1	CY62128BNLL-55SXI	-	0	1000	17	0
SZ32457BLN	R	AR0834005	R1	CG6707AM	-	0	100	17	0
SZ32457BLN	R	AR0834005	R1	CG6707AM	65/150	0	300	17	0
SZ32457BLN	R	AR0834005	R1	CG6707AM	-	0	500	15	0
SZ32457BLN	R	AR0834005	R1	CG6707AM	65/150	0	800	15	0
SZ32457BLN	R	AR0834005	R1	CG6707AM	-	0	1000	15	0
SZ324513BN	R	AR0836005	R1	CY7C53120E2-10SXI	-	0	100	14	0
SZ324513BN	R	AR0836005	R1	CY7C53120E2-10SXI	65/150	0	300	14	0
SZ324513BN	R	AR0836005	R1	CY7C53120E2-10SXI	-	0	500	14	0
SZ324513BN	R	AR0836005	R1	CY7C53120E2-10SXI	65/150	0	800	14	0
SZ324513BN	R	AR0836005	R1	CY7C53120E2-10SXI	-	0	1000	14	0
SZ324513BN	R	AR0839005	R1	CY7C53120E2-10SXI	-	0	100	17	0
SZ324513BN	R	AR0839005	R1	CY7C53120E2-10SXI	65/150	0	300	17	0
SZ324513BN	R	AR0839005	R1	CY7C53120E2-10SXI	-	0	500	17	0
SZ324513BN	R	AR0839005	R1	CY7C53120E2-10SXI	65/150	0	1000	14	0
SZ32457BLN	R	AR0841005	R1	CY62128ELL-45SXIT	-	0	100	17	0
SZ32457BLN	R	AR0841005	R1	CY62128ELL-45SXIT	65/150	0	300	17	0
SZ32457BLN	R	AR0841005	R1	CY62128ELL-45SXIT	-	0	500	17	0
SZ32457BLN	R	AR0841005	R1	CY62128ELL-45SXIT	65/150	0	1000	17	0
SZ1615DGN	M	AR0844035	R1	CY7C63803-SXC	-	0	500	15	0
SZ1615DGN	M	AR0844035	R1	CY7C63803-SXC	65/150	0	1000	15	0
SZ32457BLN	R	AR0845005	R1	CY62128ELL-45SXIT	-	0	500	13	0
SZ32457BLN	R	AR0845005	R1	CY62128ELL-45SXIT	65/150	0	1000	11	0
SZ32457BLN	R	AR0851005	R1	CY62128ELL-45SXIT	-	0	500	17	0
SZ32457BLN	R	AR0851005	R1	CY62128ELL-45SXIT	65/150	0	1000	17	0
SZ32457BLN	R	AR0852005	R1	CY62128ELL-45SXIT	-	0	500	17	0
SZ32457BLN	R	AR0852005	R1	CY62128ELL-45SXIT	65/150	0	1000	17	0
SZ324513BN	R	AR0904005	R1	CY62128BNLL-55SXIT	-	0	500	20	0
SZ324513BN	R	AR0904005	R1	CY62128BNLL-55SXIT	65/150	0	1000	20	0
SZ1615DGN	M	AR0904020	R1	CS6803AAT	-	0	500	15	0
SZ1615DGN	M	AR0904020	R1	CS6803AAT	65/150	0	1000	15	0
SZ324513BN	R	AR0909005	R1	CY62128BNLL-55SXI	-	0	500	20	0
SZ324513BN	R	AR0909005	R1	CY62128BNLL-55SXI	65/150	0	1000	20	0

SZ32457BLN	R	AR0911005	R1	CY62128ELL-45SXIT	-	0	500	12	0
SZ32457BLN	R	AR0911005	R1	CY62128ELL-45SXIT	65/150	0	1000	12	0
SZ1615DGN	M	AR0912014	R1	CS6803AAT	-	0	500	15	0
SZ1615DGN	M	AR0912014	R1	CS6803AAT	65/150	0	1000	15	0
SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	-	0	1000	80	0
SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	65/150	0	1500	80	0
SZ183CGAN	RA-CML	MR082012	R1	CY7C63723C-SXC	-	0	2000	74	0
SZ323ABAGS	M-PHILS	MR082050	R1	CY14B101L-SZ45XCT	65/150	0	500	80	0
SZ323ABAGS	M-PHILS	MR082050	R1	CY14B101L-SZ45XCT	-	0	1000	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	65/150	0	100	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	-	0	300	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	65/150	0	500	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	-	0	800	80	0
SZ1615DGN	M-PHILS	MR083009	R1	CY2292SXL-1X6T	65/150	0	1000	80	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	-	0	500	80	0
SZ324516BL	R-CML	MR083017	R1	CY62148ELL-55SXIT	65/150	0	1000	80	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	-	0	500	80	0
SZ28327BGL	R-CML	MR083018	R1	CY8C27443-24SXIT	65/150	0	1000	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	-	0	500	80	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	65/150	0	1500	77	0
SZ183CBGAN	RA-CML	MR083019	R1	CY7C63723C-SXC	-	0	1000	79	0
SZ24315BGN	RA-CML	MR083025	R1	CY7C63823-SXC	65/150	0	500	80	0
SZ24315BGN	RA-CML	MR083025	R1	CY7C63823-SXC	-	0	1000	80	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	65/150	0	500	80	0
SZ815PABGN	RA-CML	MR083034	R1	CY2305SXC-1H	-	0	1000	80	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	65/150	0	500	80	0
SZ1615FAL	T-TAIWAN	MR083041	R1	CY23EP09SXC-1H	-	0	1000	80	0
SZ2035BAL	R	MR084005	R1	CY8C24223A-24SXI	65/150	0	500	80	0
SZ2035BAL	R	MR084005	R1	CY8C24223A-24SXI	-	0	1000	80	0
SZ815DAGN	M	MR084018	R1	CY2304SXI-2	65/150	0	500	80	0
SZ815DAGN	M	MR084018	R1	CY2304SXI-2	-	0	1000	80	0
SZ1615BKGN	RA	MR084020	R1	CY2309SXC-1HT	65/150	0	500	79	0
SZ1615BKGN	RA	MR084020	R1	CY2309SXC-1HT	-	0	1000	79	0
SZ183CBGAN	RA	MR084026	R1	CY7C63723C-SXC	65/150	0	500	80	0
SZ183CBGAN	RA	MR084026	R1	CY7C63723C-SXC	-	0	1000	80	0

SZ24315BGN	RA	MR084029	R1	CY7C63743C-SXC	-	0	500	80	0
SZ24315BGN	RA	MR084029	R1	CY7C63743C-SXC	65/150	0	1000	80	0
SZ24312BGN	R	MR084033	R1	CY7C63743C-SXC	-	0	500	80	0
SZ24312BGN	R	MR084033	R1	CY7C63743C-SXC	65/150	0	1000	79	0
SZ815PABGN	RA	MR084061	R1	CY25560SXCT	-	0	500	80	0
SZ815PABGN	RA	MR084061	R1	CY25560SXCT	65/150	0	1000	80	0
SZ1615FAL	T	MR084072	R1	CY2309CSXC-1T	-	0	500	80	0
SZ1615FAL	T	MR084072	R1	CY2309CSXC-1T	65/150	0	1000	80	0
SZ2035BAL	R	MR091001	R1	CY8C27243-24SXI	-	0	500	80	0
SZ2035BAL	R	MR091001	R1	CY8C27243-24SXI	65/150	0	1000	79	0
SZ183CBGAN	RA	MR091003	R1	CY7C63723C-SXC	-	0	500	79	0
SZ183CBGAN	RA	MR091003	R1	CY7C63723C-SXC	65/150	0	1000	69	0
SZ32457BLN	R	MR091004	R1	CY62128ELL-45SXIT	-	0	500	79	0
SZ32457BLN	R	MR091004	R1	CY62128ELL-45SXIT	65/150	0	1000	79	0
SZ1615BKGN	RA	MR091016	R1	CY2308SXC-2T	-	0	500	80	0
SZ1615BKGN	RA	MR091016	R1	CY2308SXC-2T	65/150	0	1000	78	0
SZ1615EGN	M	MR091020	R1	CY2309SXI-1HT	-	0	500	80	0
SZ1615EGN	M	MR091020	R1	CY2309SXI-1HT	65/150	0	1000	80	0
SZ1615FAL	T	MR091058	R1	CY23EP09SXC-1HT	-	0	500	79	0
SZ1615FAL	T	MR091058	R1	CY23EP09SXC-1HT	65/150	0	1000	79	0
SZ2035BAL	R	MR092003	R1	CY8C27243-24SXI	-	0	500	30	0
SZ2035BAL	R	MR092003	R1	CY8C27243-24SXI	65/150	0	1000	30	0
SZ324513BN	R	MR092006	R1	CY7C53120E2-10SXI	-	0	500	30	0
SZ324513BN	R	MR092006	R1	CY7C53120E2-10SXI	65/150	0	1000	30	0
SZ183CBGAN	RA	MR092024	R1	CY7C63723C-SXC	-	0	500	30	0
SZ183CBGAN	RA	MR092024	R1	CY7C63723C-SXC	65/150	0	1000	30	0
SZ1615FAL	T	MR092025	R1	CY23EP09SXC-1HT	-	0	500	30	0
SZ1615FAL	T	MR092025	R1	CY23EP09SXC-1HT	65/150	0	1000	30	0
SZ1615DGN	M	MR092038	R1	CS6803AAT	-	0	500	27	0
SZ1615DGN	M	MR092038	R1	CS6803AAT	65/150	0	1000	25	0
SZ323ABAGS	M-PHIL	NR074002	R1	CY14B101L-SZ45XC	-	0	500	74	0
SZ323ABAGS	M-PHIL	NR074002	R1	CY14B101L-SZ45XC	65/150	0	1000	74	0
SZ324516LL	R	RR084008	R4	CG6727AM	-	0	500	77	0
SZ324516LL	R	RR084008	R4	CG6727AM	65/150	0	1000	77	0

Summary for Package Family: SOIC (Pb-Free)

147 records

Sum

6509 3



SSOP

O2822XAGB	M	AR0907018	R1	CY2310ANZPVC-1T	-	0	500	15	0
O2822XAGB	M	AR0907018	R1	CY2310ANZPVC-1T	65/150	0	1000	13	0
O483ABXAGN	R	MR092029	R1	CY2318ANZPVC-11T	-	0	500	30	0
O483ABXAGN	R	MR092029	R1	CY2318ANZPVC-11T	65/150	0	1000	30	0

Summary for Package Family: SSOP

Sum **4 records** **88** **0**

SSOP (Pb-Free)

SP483AGAN	R	084703	R1	CY8C20566-24PVXI	-	0	500	77	0
SP483AGAN	R	084703	R1	CY8C20566-24PVXI	65/150	0	1000	77	0
SP483ACGAN	R	084703	R2	CY8CTMG200-48PVXI	-	0	500	77	0
SP483ACGAN	R	084703	R2	CY8CTMG200-48PVXI	65/150	0	1000	77	0
SP483ACGAN	R	084703	R3	CY8C20546-24PVXI	-	0	500	77	0
SP483ACGAN	R	084703	R3	CY8C20546-24PVXI	65/150	0	1000	77	0
SP483ACGAN	R	090301	R1A	CY8C20566-24PVXI	-	0	500	77	0
SP483ACGAN	R	090301	R1A	CY8C20566-24PVXI	65/150	0	1000	77	0
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	-	0	500	77	0
SP483ACGAN	R	090301	R1B	CY8C20566-24PVXI	65/150	0	1000	77	0
SP483ACGAN	R	090301	R1C	CY8C20566-24PVXI	-	0	500	77	0
SP483ACGAN	R	090301	R1C	CY8C20566-24PVXI	65/150	0	1000	77	0
SP483ACGAN	R	090301	R2B	CY8C20566-24PVXI	-	0	500	77	0
SP483ACGAN	R	090301	R2B	CY8C20566-24PVXI	65/150	0	1000	77	0
SP483EBBAL	R-CML	AR0825003	R1	CY8C29666-24PVXI	-	0	100	17	0
SP483EBBAL	R-CML	AR0825003	R1	CY8C29666-24PVXI	65/150	0	300	17	0
SP483EBBAL	R-CML	AR0825003	R1	CY8C29666-24PVXI	-	0	500	17	0
SP483EBBAL	R-CML	AR0825003	R1	CY8C29666-24PVXI	65/150	0	800	17	0
SP483EBBAL	R-CML	AR0825003	R1	CY8C29666-24PVXI	-	0	1000	17	0
SP28215BGL	RA-CML	AR0831012	R1	CY8C24423A-RASPI	-	0	100	11	0
SP28215BGL	RA-CML	AR0831012	R1	CY8C24423A-RASPI	65/150	0	300	11	0
SP28215BGL	RA-CML	AR0831012	R1	CY8C24423A-RASPI	-	0	500	11	0
SP28215BGL	RA-CML	AR0831012	R1	CY8C24423A-RASPI	65/150	0	800	11	0
SP28215BGL	RA-CML	AR0831012	R1	CY8C24423A-RASPI	-	0	1000	11	0
SP28215BGL	RA-CML	AR0831019	R1	CY8C24423A-RASPI	-	0	100	20	0
SP28215BGL	RA-CML	AR0831019	R1	CY8C24423A-RASPI	65/150	0	300	20	0
SP28215BGL	RA-CML	AR0831019	R1	CY8C24423A-RASPI	-	0	500	20	0
SP28215BGL	RA-CML	AR0831019	R1	CY8C24423A-RASPI	65/150	0	800	20	0

SP28215BGL	RA-CML	AR0831019	R1	CY8C24423A-RASPI	-	0	1000	20	0
SP28215BGL	RA-CML	AR0831021	R1	CY8C21534-24PVXI	65/150	0	100	20	0
SP28215BGL	RA-CML	AR0831021	R1	CY8C21534-24PVXI	-	0	300	20	0
SP28215BGL	RA-CML	AR0831021	R1	CY8C21534-24PVXI	65/150	0	500	20	0
SP28215BGL	RA-CML	AR0831021	R1	CY8C21534-24PVXI	-	0	800	20	0
SP28215BGL	RA-CML	AR0831021	R1	CY8C21534-24PVXI	65/150	0	1000	20	0
SP282ABAGN	RA	AR0835012	R1	CY8C27443-24PVXI	-	0	100	14	0
SP282ABAGN	RA	AR0835012	R1	CY8C27443-24PVXI	65/150	0	300	14	0
SP282ABAGN	RA	AR0835012	R1	CY8C27443-24PVXI	-	0	500	14	0
SP282ABAGN	RA	AR0835012	R1	CY8C27443-24PVXI	65/150	0	800	14	0
SP282ABAGN	RA	AR0835012	R1	CY8C27443-24PVXI	-	0	1000	14	0
SP282ABAGN	RA	AR0835019	R1	CY8C27443-24PVXI	65/150	0	100	18	0
SP282ABAGN	RA	AR0835019	R1	CY8C27443-24PVXI	-	0	300	18	0
SP282ABAGN	RA	AR0835019	R1	CY8C27443-24PVXI	65/150	0	500	18	0
SP282ABAGN	RA	AR0835019	R1	CY8C27443-24PVXI	-	0	800	18	0
SP282ABAGN	RA	AR0835019	R1	CY8C27443-24PVXI	65/150	0	1000	18	0
SP282ABAGN	RA	AR0835021	R1	CY8C27443-24PVXIT	-	0	100	18	0
SP282ABAGN	RA	AR0835021	R1	CY8C27443-24PVXIT	65/150	0	300	18	0
SP282ABAGN	RA	AR0835021	R1	CY8C27443-24PVXIT	-	0	500	18	0
SP282ABAGN	RA	AR0835021	R1	CY8C27443-24PVXIT	65/150	0	800	18	0
SP282ABAGN	RA	AR0835021	R1	CY8C27443-24PVXIT	-	0	1000	18	0
SP282ABAGN	RA	AR0840012	R1	CY8C24423A-24PVXI	65/150	0	100	15	0
SP282ABAGN	RA	AR0840012	R1	CY8C24423A-24PVXI	-	0	300	15	0
SP282ABAGN	RA	AR0840012	R1	CY8C24423A-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0840012	R1	CY8C24423A-24PVXI	-	0	1000	20	0
SP282ABAGN	RA	AR0840021	R1	CY8C24423A-24PVXI	65/150	0	100	20	0
SP282ABAGN	RA	AR0840021	R1	CY8C24423A-24PVXI	-	0	300	20	0
SP282ABAGN	RA	AR0840021	R1	CY8C24423A-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0841012	R1	CY8C27443-24PVXI	-	0	100	17	0
SP282ABAGN	RA	AR0841012	R1	CY8C27443-24PVXI	65/150	0	300	17	0
SP282ABAGN	RA	AR0841012	R1	CY8C27443-24PVXI	-	0	500	17	0
SP282ABAGN	RA	AR0841012	R1	CY8C27443-24PVXI	65/150	0	1000	17	0
SP282ABAGN	RA	AR0841019	R1	CY8C21534-24PVXIT	-	0	100	19	0
SP282ABAGN	RA	AR0841019	R1	CY8C21534-24PVXIT	65/150	0	300	19	0
SP282ABAGN	RA	AR0841019	R1	CY8C21534-24PVXIT	-	0	500	19	0

SP282ABAGN	RA	AR0841019	R1	CY8C21534-24PVXIT	-	0	1000	19	0
SP483EBBAL	R	AR0845003	R1	CY8C29666-24PVXIT	65/150	0	500	15	0
SP483EBBAL	R	AR0845003	R1	CY8C29666-24PVXIT	-	0	1000	15	0
SP282ABAGN	RA	AR0848012	R1	CY8C24423A-24PVXI	65/150	0	500	17	0
SP282ABAGN	RA	AR0848012	R1	CY8C24423A-24PVXI	-	0	1000	17	0
SP282ABAGN	RA	AR0848019	R1	CY8C24423A-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0848019	R1	CY8C24423A-24PVXI	-	0	1000	20	0
SP282ABAGN	RA	AR0848021	R1	CY8C27443-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0848021	R1	CY8C27443-24PVXI	-	0	1000	20	0
SP282ABAGN	RA	AR0851012	R1	CY8C21534-24PVXI	65/150	0	500	17	0
SP282ABAGN	RA	AR0851012	R1	CY8C21534-24PVXI	-	0	1000	17	0
SP282ABAGN	RA	AR0904013	R1	CY8C27443-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0904013	R1	CY8C27443-24PVXI	-	0	1000	20	0
SP282ABAGN	RA	AR0906013	R1	CY8C27443-24PVXIT	65/150	0	500	17	0
SP282ABAGN	RA	AR0906013	R1	CY8C27443-24PVXIT	-	0	1000	17	0
SP483EBBAL	R	AR0907003	R1	CY8C29666-24PVXIT	65/150	0	500	19	0
SP483EBBAL	R	AR0907003	R1	CY8C29666-24PVXIT	-	0	1000	19	0
SP282ABAGN	RA	AR0909013	R1	CY8C24533-24PVXI	65/150	0	500	20	0
SP282ABAGN	RA	AR0909013	R1	CY8C24533-24PVXI	-	0	1000	20	0
SP282ABAGN	RA	AR0914013	R1	CY8C21534-24PVXIT	65/150	0	500	17	0
SP282ABAGN	RA	AR0914013	R1	CY8C21534-24PVXIT	-	0	1000	17	0
SP483EBBAL	R	AR0916003	R1	CY8C29666-24PVXIT	65/150	0	500	20	0
SP483EBBAL	R	AR0916003	R1	CY8C29666-24PVXIT	-	0	1000	20	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	65/150	0	500	79	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	-	0	2000	70	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	65/150	0	1500	70	0
SP483HAAGR	M-PHILS	MR082071	R1	CY14B101L-SP45XC	-	0	1000	79	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	65/150	0	800	80	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	-	0	500	80	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	65/150	0	300	80	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	-	0	1000	80	0
SP2822BGL	M-PHILS	MR083008	R1	CY8C21534-12PVXET	65/150	0	100	80	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	65/150	0	500	78	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	-	0	300	78	0
SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	65/150	0	1000	78	0

SP563BBBG	R-CML	MR083011	R1	CY7C68013-56PVXC	-	0	100	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	65/150	0	800	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	-	0	500	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	65/150	0	300	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	-	0	2500	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	65/150	0	2000	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	-	0	1500	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	65/150	0	1000	80	0
SP28215BGL	RA-CML	MR083021	R1	CY8C21534-24PVXI	-	0	100	80	0
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	-	0	500	80	0
SP28214GL	T-TAIWAN	MR083036	R1	CY8C9520A-24PVXI	65/150	0	1000	80	0
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	-	0	500	80	0
SP2824HAN	T	MR084021	R1	CY8C24533-24PVXI	65/150	0	1000	80	0
SP483ABBAN	R	MR084030	R1	CY7C63413C-PVXC	-	0	500	80	0
SP483ABBAN	R	MR084030	R1	CY7C63413C-PVXC	65/150	0	1000	80	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	-	0	800	75	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	65/150	0	500	75	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	-	0	300	75	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	65/150	0	1000	73	0
SP483HAAGR	M	MR084043	R1	CY14B101L-SP45XC	-	0	100	75	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	-	0	500	57	0
SP2822BGL	M	MR084059	R1	CY8C29466-24PVXA	65/150	0	1000	57	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	-	0	500	80	0
SP483EBBAL	R	MR091005	R1	CY8C27643-24PVXI	65/150	0	1000	80	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	-	0	500	80	0
SP2822BGL	M	MR091006	R1	CY8C27443-12PVXE	65/150	0	1000	80	0
SP2822BGL	M	MR091042	R1	CP6801ATT	-	0	500	77	0
SP2822BGL	M	MR091042	R1	CP6801ATT	65/150	0	1000	75	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	-	0	500	80	0
SP28214GL	T	MR091057	R1	CY7C64215-28PVXC	65/150	0	1000	80	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	-	0	500	29	0
SP483EBBAL	R-CML	MR092004	R1	CY8C29666-24PVXIT	65/150	0	1000	29	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	-	0	500	28	0
SP282ABAGN	RA	MR092035	R1	CY8C24423A-24PVXIT	65/150	0	1000	28	0
SP483AGAN	R	RR084008	R1	CS6681AM	-	0	500	75	0
					65/150				

SP483AGAN	R	RR084008	R1	CS6681AM	-	0	1000	75	0
SP563BGAL	R	RR084008	R2	CY7C68301C-56PVXC	65/150	0	500	75	0
SP563BGAL	R	RR084008	R2	CY7C68301C-56PVXC	-	0	1000	75	0
SP483HAAGR	M	RR084019	R1	CY14B101L-SP45XCT	65/150	0	500	15	0
SP483HAAGR	M	RR084019	R1	CY14B101L-SP45XCT	-	0	1000	14	0
SP483HAAGR	M	RR084019	R2	CY14B101L-SP45XC	65/150	0	500	15	0
SP483HAAGR	M	RR084019	R2	CY14B101L-SP45XC	-	0	1000	15	0
SP483HAAGR	M	RR084019	R3	CY14B101L-SP45XCT	65/150	0	500	15	0
SP483HAAGR	M	RR084019	R3	CY14B101L-SP45XCT	-	0	1000	15	0
SP483HAAGR	M	RR084019	R4	CY14B101L-SP45XCT	65/150	0	500	14	0
SP483HAAGR	M	RR084019	R4	CY14B101L-SP45XCT	-	0	1000	13	0
SP483HAAGR	M	RR084019	R5	CY14B101L-SP45XCT	65/150	0	500	15	0
SP483HAAGR	M	RR084019	R5	CY14B101L-SP45XCT	-	0	1000	15	0
SP483HAAGR	M	RR084019	R6	CY14B101L-SP45XCT	65/150	0	500	15	0
SP483HAAGR	M	RR084019	R6	CY14B101L-SP45XCT	-	0	1000	15	0

Summary for Package Family: SSOP (Pb-Free)

148 records

Sum 6187 0

TQFP

A32GAAAAGB	L	082206	R3	CY29942AI	-	0	500	77	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	65/150	0	800	79	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	-	0	500	79	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	65/150	0	300	79	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	-	0	1000	79	0
A32LXGXGB	Q-KOREA	MR083012	R1	CY29948AI	65/150	0	100	79	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	-	0	500	79	0
A32LXGXGB	Q	MR091043	R1	CY29948ACT	65/150	0	1000	79	0
A52AEGAGE	Q	MR092010	R1	CY29976AXI	-	0	500	30	0
A52AEGAGE	Q	MR092010	R1	CY29976AXI	65/150	0	1000	30	0

Summary for Package Family: TQFP

10 records

Sum 690 0

TQFP (10mm X 10mm)

AS64CGAGB	Q	082206	R2	7C4355NAC-QASC	-	0	500	77	0
AS64CGAGB	Q	082206	R2	7C4355NAC-QASC	65/150	0	1000	77	0
AS64CGAGB	Q	MR091053	R1	CY7C4285V-15ASC	-	0	500	80	0
AS64CGAGB	Q	MR091053	R1	CY7C4285V-15ASC	65/150	0	1000	80	0

Summary for Package Family: TQFP (10mm X 10mm)

4 records

Sum 314 0

TQFP (Pb-Free)



AZ44SGGAN	RA-CML	080905	R2	CY8C27543-24AXI	-	0	1000	80	0
AZ44SGGAN	RA-CML	080905	R3	CY8C27543-24AXI	65/150	0	1000	80	0
AZ44SGGAN	R	082201	R1	CY8C22545-24AXI	-	0	500	77	0
AZ44SGGAN	R	082201	R1	CY8C22545-24AXI	65/150	0	1000	76	0
AZ44SGGAN	R-CML	MR082040	R1	CS6567AM	-	0	1000	80	0
AZ44SGGAN	R-CML	MR082060	R1	CS6567AM	65/150	0	1000	80	0
AZ44SGGAN	R-CML	MR083014	R1	CS6567AM	-	0	500	80	0
AZ44SGGAN	R-CML	MR083014	R1	CS6567AM	65/150	0	1000	80	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	-	0	500	80	0
AZ32BXGAN	Q-KOREA	MR083031	R1	CY7C4251V-25AXC	65/150	0	1000	80	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	-	0	500	80	0
AZ100SEAL	RA-CML	MR083032	R1	CY7B994V-5AXI	65/150	0	1000	80	0
AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	-	0	500	80	0
AZ100RBBLN	R	MR084002	R1	CY7C1370D-167AXI	65/150	0	1000	80	0
AZ44SFGAN	R	MR084010	R1	CY37032P44-125AXC	-	0	500	80	0
AZ44SFGAN	R	MR084010	R1	CY37032P44-125AXC	65/150	0	1000	80	0
AZ32LXGAN	Q	MR084017	R1	CY29948AXC	-	0	500	80	0
AZ32LXGAN	Q	MR084017	R1	CY29948AXC	65/150	0	1000	80	0
AZ32GXGAN	G	MR084042	R1	CY29940AXCT	-	0	500	80	0
AZ32GXGAN	G	MR084042	R1	CY29940AXCT	65/150	0	1000	80	0
AZ128SABLL	R	MR084054	R1	7C681000BC-**RAZC	-	0	500	79	0
AZ128SABLL	R	MR084054	R1	7C681000BC-**RAZC	65/150	0	1000	79	0
AZ32LXGAN	Q	MR091022	R1	CY29946AXCT	-	0	500	80	0
AZ32LXGAN	Q	MR091022	R1	CY29946AXCT	65/150	0	1000	79	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	-	0	500	79	0
AZ100RUBLN	R	MR091026	R1	CY7C1350G-133AXC	65/150	0	1000	79	0
AZ44SGBGAN	RA	MR092001	R1	CY8C29566-24AXI	-	0	500	30	0
AZ44SGBGAN	RA	MR092001	R1	CY8C29566-24AXI	65/150	0	1000	30	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	-	0	500	30	0
AZ52ASGAL	Q	MR092008	R1	CY7B9973V-AXC	65/150	0	1000	30	0
AZ32GXGAN	G	MR092033	R1	CY29940AXCT	-	0	500	30	0
AZ32GXGAN	G	MR092033	R1	CY29940AXCT	65/150	0	1000	30	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	-	0	500	29	0
AZ32GXGAN	G	MR092045	R1	CY29940AXC	65/150	0	1000	29	0
AZ100RBBLN	R	NR083003	R1	CY7C1370D-167AXCB	-	0	500	76	0
AZ100RBBLN	R	NR083003	R1	CY7C1370D-167AXCB	65/150	0	500	76	0



AZ100RBBLN	R	NR083003	R1	CY7C1370D-167AXCB	-	0	1000	76	0
AZ100RBBLN	R	NR083003	R2	CY7C1372D-167AXIT	65/150	0	500	79	0
AZ100RBBLN	R	NR083003	R2	CY7C1372D-167AXIT	-	0	1000	79	0
AZ100RBBLN	R	NR083003	R3	CY7C1370D-167AXIT	65/150	0	500	80	0
AZ100RBBLN	R	NR083003	R3	CY7C1370D-167AXIT	-	0	1000	80	0

Summary for Package Family: TQFP (Pb-Free)

40 records

Sum 2776 0

TSOP (Pb-free)

ZT48AKAALL	T	084612	R1	CY62177EV30LL	-	0	500	85	0
ZT48AKAALL	T	084612	R1	CY62177EV30LL	65/150	0	1000	79	0
ZT48AKAALL	T	084612	R2	CY62177EV30LL	-	0	500	85	0
ZT48AKAALL	T	084612	R2	CY62177EV30LL	65/150	0	1000	85	0
ZT48AKAALL	T	084612	R3	CY62177EV30LL	-	0	500	85	0
ZT48AKAALL	T	084612	R3	CY62177EV30LL	65/150	0	1000	85	0
ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	-	0	500	80	0
ZT28R4BGL	R-CML	MR083028	R1	CY7C1399BN-12ZXC	65/150	0	1000	80	0
ZT32RABALL	T-OSE	MR083051	R1	CY62128BLL-70ZXC	-	0	500	80	0
ZT32RABALL	T-OSE	MR083051	R1	CY62128BLL-70ZXC	65/150	0	1000	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	-	0	500	80	0
ZT32RAEBLN	RA	MR084006	R1	CG6708AMT	65/150	0	1000	80	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	-	0	500	93	0
ZT32RABALL	T	MR084057	R1	CY62128BNLL-55ZXI	65/150	0	1000	93	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	-	0	500	80	0
ZT28R2BBLN	R	MR084060	R1	CY62256VNLL-70ZXC	65/150	0	1000	80	0
ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	-	0	500	80	0
ZT28R2BBLN	R	MR091012	R1	CY62256NLL-55ZXIT	65/150	0	1000	80	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	-	0	500	80	0
ZT32RAEBLN	RA	MR091014	R1	CY62128EV30LL-45ZXI	65/150	0	1000	80	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	-	0	500	80	0
ZT32RABALL	T	MR091021	R1	CY62128EV30LL-45ZXI	65/150	0	1000	80	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNLL-70ZXCT	-	0	500	30	0
ZT28R2BBLN	R	MR092018	R1	CY62256VNLL-70ZXCT	65/150	0	1000	30	0

Summary for Package Family: TSOP (Pb-free)

24 records

Sum 1870 0

TSOP I (Pb-Free)

ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	-	0	500	80	0
ZB32RHBALN	R-CML	MR083042	R1	CY62128ELL-45ZAXI	65/150	0	1000	80	0

ZB32RHBALN	R	MR084036	R1	CG7091AM	-	0	500	80	0
ZB32RHBALN	R	MR084036	R1	CG7091AM	65/150	0	1000	80	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	-	0	500	80	0
ZB32RHBALN	R	MR091031	R1	CG7086AM	65/150	0	1000	80	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	-	0	500	30	0
ZB32RHBALN	R	MR092014	R1	CG7086AMT	65/150	0	1000	30	0
ZB32RHALL	R	RR084008	R5	CY62128DV30LL-55ZAXIT	-	0	500	77	0
ZB32RHALL	R	RR084008	R5	CY62128DV30LL-55ZAXIT	65/150	0	1000	77	0
Summary for Package Family: TSOP I (Pb-Free)			10	records				694	0
Sum								694	0
TSOP II (Pb-Free)									
ZW444GALL	R-CML	071304	R3A	CY14B104L	-	0	500	77	0
ZW444GALL	R-CML	071304	R3A	CY14B104L	65/150	0	1000	76	0
ZW444GALL	R-CML	071304	R8	CY14B104L	-	0	500	80	0
ZW444GALL	R-CML	071304	R8	CY14B104L	65/150	0	1000	80	0
ZW444GALL	R	071304	R9	7C1404B6BC-**RZWCB	-	0	500	80	0
ZW444GALL	R	071304	R9	7C1404B6BC-**RZWCB	65/150	0	1000	79	0
ZW444AHBLL	R	085004	R1	CY7C1021DV33-10ZSXI	-	0	500	80	0
ZW444AHBLL	R	085004	R1	CY7C1021DV33-10ZSXI	65/150	0	1000	80	0
ZW444AHBLL	R	085004	R2	CY7C1021DV33-10ZSXI	-	0	500	80	0
ZW444AHBLL	R	085004	R2	CY7C1021DV33-10ZSXI	65/150	0	1000	80	0
ZW444AHBLL	R	085004	R3	CY7C1021DV33-10ZSXI	-	0	500	80	0
ZW444AHBLL	R	085004	R3	CY7C1021DV33-10ZSXI	65/150	0	1000	80	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	-	0	500	80	0
ZW544AALL	G-TAIWAN	MR083002	R1	CY7C1069AV33-10ZX	65/150	0	1000	80	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSXI	-	0	500	80	0
ZW444AHBLL	R-CML	MR083020	R1	CY7C1021DV33-10ZSXI	65/150	0	1000	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	-	0	500	80	0
ZW324CBLL	T-OSE	MR083043	R1	CY62148EV30LL-45ZSXI	65/150	0	1000	80	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	-	0	500	80	0
ZW444AJBLN	R-CML	MR083071	R1	CY7C1021CV33-10ZXC	65/150	0	1000	80	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	-	0	500	80	0
ZW444AHBLL	R	MR084007	R1	CG6850AM	65/150	0	1000	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	-	0	500	80	0
ZW324CBLL	T	MR084025	R1	CG7092AM	65/150	0	1000	80	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	-	0	500	80	0
ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	65/150	0	500	80	0

ZW544AALL	G	MR084038	R1	CY7C1061AV33-10ZXC	-	0	1000	80	0	
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	65/150	0	500	78	0	
ZW444AMLN	R	MR091013	R1	CY62147DV30LL-55ZSXET	-	0	1000	77	0	
ZW544AALL	G	MR091027	R1	CS6729AT	65/150	0	500	80	0	
ZW544AALL	G	MR091027	R1	CS6729AT	-	0	1000	80	0	
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSXI	65/150	0	500	80	0	
ZW324GALL	T	MR091056	R1	CY7C1019DV33-10ZSXI	-	0	1000	80	0	
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	65/150	0	500	30	0	
ZW324CBLL	T	MR092015	R1	CY62148EV30LL-45ZSXI	-	0	1000	30	0	
ZW54BGALL	G	MR092043	R1	CY7C1061DV33-10ZSXIT	65/150	0	500	30	0	
ZW54BGALL	G	MR092043	R1	CY7C1061DV33-10ZSXIT	-	0	1000	30	0	
ZW444AMBLN	R	RR084008	R3	CS6673ATT	65/150	0	500	75	0	
ZW444AMBLN	R	RR084008	R3	CS6673ATT	-	0	1000	75	0	
Summary for Package Family: TSOP II (Pb-Free)			38	records				2817	0	
Sum									0	
TSSOP										
Z1620GAGN	RA-CML	MR083033	R1	CY2309ZC-1H	-	0	500	79	0	
Z1620GAGN	RA-CML	MR083033	R1	CY2309ZC-1H	65/150	0	1000	79	0	
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	65/150	0	500	80	0	
Z1620GBAGN	RA	MR084016	R1	CY2309ZC-1HT	-	0	1000	80	0	
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	65/150	0	800	79	0	
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	-	0	500	79	0	
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	65/150	0	300	79	0	
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	-	0	1000	77	0	
Z0811XAGB	M	MR084064	R1	CY2304NZZI-1	65/150	0	100	79	0	
Z0811XAGB	M	MR091036	R1	CY2304NZZI-1T	-	0	500	79	0	
Z0811XAGB	M	MR091036	R1	CY2304NZZI-1T	65/150	0	1000	79	0	
Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	65/150	0	500	30	0	
Z1620GBAGN	RA	MR092022	R1	CY2309ZC-1HT	-	0	1000	30	0	
Summary for Package Family: TSSOP			13	records				929	0	
Sum									0	
TSSOP (Pb-Free)										
ZZ1620GAN	RA-CML	064302	R1	CY2VC521ZXC	-	0	1000	80	0	
ZZ1620GAN	RA-CML	064302	R1	CY2VC521ZXC	65/150	0	1500	80	0	
ZZ1620GAN	CML-RA	082004	R1	CY23EP09ZXC-1HT	65/150	0	500	73	0	
ZZ1620GAN	CML-RA	082004	R1	CY23EP09ZXC-1HT	-	0	1000	72	0	
ZZ1620GAN	CML-RA	082004	R2	CY23EP09ZXC	65/150	0	500	76	0	

ZZ1620GAN	CML-RA	082004	R2	CY23EP09ZXC	-	0	1000	76	0
ZZ1620GAN	CML-RA	082004	R3	CY23EP09ZXC-1HT	65/150	0	500	77	0
ZZ1620GAN	CML-RA	082004	R3	CY23EP09ZXC-1HT	-	0	1000	77	0
ZZ1614HAN	T	AR0904015	R1	CY23FS04ZXI-3	65/150	0	500	15	0
ZZ1614HAN	T	AR0904015	R1	CY23FS04ZXI-3	-	0	1000	15	0
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	65/150	0	500	80	0
ZZ1620GBAN	RA-CML	MR083015	R1	CY22150FZXI	-	0	1000	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	65/150	0	800	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	-	0	500	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	65/150	0	400	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	-	0	200	80	0
ZZ0812BGL	T-TAIWAN	MR083044	R1	CY24904ZXC	65/150	0	1000	80	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	-	0	500	80	0
ZZ1620GBAN	RA	MR084022	R1	CY2308ZXC-1HT	65/150	0	1000	80	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	-	0	800	79	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	65/150	0	500	79	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	-	0	300	79	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	65/150	0	1000	79	0
ZZ0812BGL	T	MR084024	R1	CY25100ZXC38T	-	0	100	80	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	65/150	0	500	80	0
ZZ1619GAN	RA	MR084065	R1	CY2309CZXI-1H	-	0	1000	80	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	65/150	0	500	80	0
ZZ1620GBAN	RA	MR091018	R1	CY2309ZXC-1HT	-	0	1000	80	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	65/150	0	500	80	0
ZZ0812BGL	T	MR091019	R1	CY25100ZXC38T	-	0	1000	80	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	65/150	0	500	30	0
ZZ1620GBAN	RA	MR092020	R1	CY2309ZXC-1HT	-	0	1000	30	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	65/150	0	500	28	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	-	0	300	28	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	65/150	0	1000	28	0
ZZ0812BGL	T	MR092023	R1	CYIFS781BZXCT	-	0	100	28	0

Summary for Package Family: TSSOP (Pb-Free)

36 records

Sum 2409 0

VFBGA (0.75-0.8, 0.3mm)

BV48AAALE	G-TAIWAN	MR083013	R1	CY62157DV30LL-55BVI	-	0	500	80	0
BV48AAALE	G-TAIWAN	MR083013	R1	CY62157DV30LL-55BVI	65/150	0	1000	78	0

BV48AACALE	AT	MR084063	R1	CY62157DV30LL-70BVI	-	0	500	80	0
BV48AACALE	AT	MR084063	R1	CY62157DV30LL-70BVI	65/150	0	1000	80	0
BV48ABEALE	A	MR091041	R1	CY62167EV30LL-45BVI	-	0	500	80	0
BV48ABEALE	A	MR091041	R1	CY62167EV30LL-45BVI	65/150	0	1000	79	0
BV48ABEALE	AT	MR092012	R1	CY62167EV30LL-45BVI	-	0	500	30	0
BV48ABEALE	AT	MR092012	R1	CY62167EV30LL-45BVI	65/150	0	1000	30	0
BV48BNALE	G	RR084014	R1	CY62167DV30LL-55BVI	-	0	500	77	0
BV48BNALE	G	RR084014	R1	CY62167DV30LL-55BVI	65/150	0	500	77	0

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

9 records

Sum 614 0

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

BZ100GAALL	RA-CML	081206	R1	CYWB0226ABS-BVXIES	-	0	1000	77	0
BZ100GAALL	RA-CML	081206	R1	CYWB0226ABS-BVXIES	65/150	0	1000	77	0
BZ56GABGL	RA-CML	082017	R1	CY7C68053-56BAXI	-	0	1000	318	0
BZ56GABGL	RA-CML	082017	R1	CY7C68053-56BAXI	65/150	0	1000	318	0
BZ56GABGL	RA-CML	082017	R1A	CY7C68053-56BAXIT	-	0	500	323	0
BZ56GABGL	RA-CML	082017	R1A	CY7C68053-56BAXIT	65/150	0	1000	321	0
BZ48	RA-CML	082103	R1	CY62137FV30LL-45BVXI	-	0	500	190	0
BZ48	RA-CML	082103	R1	CY62137FV30LL-45BVXI	65/150	0	1000	187	0
BZ48	RA-CML	082103	R1A	CY62137FV30LL-45BVXI	-	0	500	189	0
BZ48	RA-CML	082103	R1A	CY62137FV30LL-45BVXI	65/150	0	1000	188	0
BZ100DGALL	RA-CML	082801	R1	CYWB0124AB-BVXIT	-	0	500	70	0
BZ100DGALL	RA-CML	082801	R1	CYWB0124AB-BVXIT	65/150	0	1000	69	0
BZ100DGALL	RA-CML	082801	R2	CYWB0124AB-BVXIT	-	0	500	77	0
BZ100DGALL	RA-CML	082801	R2	CYWB0124AB-BVXIT	65/150	0	500	77	0
BZ100DGALL	RA-CML	082801	R3	CYWB0124AB-BVXIT	-	0	500	74	0
BZ100DGALL	RA-CML	082801	R3	CYWB0124AB-BVXIT	65/150	0	1000	70	0
BZ100DGALL	RA-CML	082801	R4	CYWB0124AB-BVXIT	-	0	500	76	0
BZ100DGALL	RA-CML	082801	R4	CYWB0124AB-BVXIT	65/150	0	1000	76	0
BZ48CNAALL	G	083301	R3A	CY62167DV	-	0	500	80	0
BZ48CNAALL	G	083301	R3A	CY62167DV	65/150	0	500	80	0
BZ48DAGLL	RA	090502	R1	CY62137FV30LL-45BVXI	-	0	500	77	0
BZ48DAGLL	RA	090502	R1	CY62137FV30LL-45BVXI	65/150	0	1000	77	0
BZ48DAGLL	RA	090502	R2	CY62137FV30LL-45BVXI	-	0	500	80	0
BZ48DAGLL	RA	090502	R2	CY62137FV30LL-45BVXI	65/150	0	1000	80	0
BZ48DAGLL	RA	090502	R3	CY62137FV30LL-45BVXI	-	0	500	80	0
BZ48DAGLL	RA	090502	R3	CY62137FV30LL-45BVXI	65/150	0	1000	80	0
BZ48DAGLL	RA	090502	R4	CY62137FV30LL-45BVXI	-	0	500	75	0
BZ48DAGLL	RA	090502	R4	CY62137FV30LL-45BVXI	65/150	0	1000	74	0
BZ48DAGLL	RA	090502	R4	CY62137FV30LL-45BVXI	-	0	1000	74	0
BZ48DAGLL	RA	090502	R4	CY62137FV30LL-45BVXI	65/150	0	1000	74	0
BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	-	0	500	80	0
BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	65/150	0	500	80	0

BZ48CFAALL	G-TAIWAN	MR083004	R1	CY62157EV30-45BVXIT	-	0	1000	80	0
BZ56GABGL	RA-CML	MR083005	R1	CY7C68053-56BAXIT	65/150	0	500	80	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	-	0	500	78	0
BZ100CGAL	RA-CML	MR083029	R1	CYWB0124AB-BVXI	65/150	0	1000	73	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	-	0	500	80	0
BZ48ABDALL	AT-CARSEM	MR083060	R1	CY62137EV30LL-45BVXI	65/150	0	1000	77	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	-	0	500	80	0
BZ56BGALL	RA	MR084011	R1	CY7C68013A-56BAXC	65/150	0	1000	80	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	-	0	500	80	0
BZ100DGALL	RA	MR084012	R1	CYWB0124AB-BVXIT	65/150	0	1000	78	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	-	0	500	80	0
BZ48DAGLL	RA	MR084034	R1	CY62137FV30LL-45BVXIT	65/150	0	1000	79	0
BZ48CFAALL	G	MR084035	R1	CY62158EV30LL-45BVXI	-	0	500	80	0
BZ48CFAALL	G	MR084035	R1	CY62158EV30LL-45BVXI	65/150	0	1000	79	0
BZ100DGALL	RA	MR084069	R1	CYWB0124AB-BVXIT	-	0	500	62	0
BZ100DGALL	RA	MR084069	R1	CYWB0124AB-BVXIT	65/150	0	1000	60	0
BZ100DGALL	RA	MR084069	R2	CYWB0124AB-BVXIT	-	0	500	80	0
BZ100DGALL	RA	MR084069	R2	CYWB0124AB-BVXIT	65/150	0	1000	80	0
BZ100DGALL	RA	MR084069	R3	CYWB0124AB-BVXIT	-	0	500	79	0
BZ100DGALL	RA	MR084069	R3	CYWB0124AB-BVXIT	65/150	0	1000	78	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	-	0	500	80	0
BZ56IAAAGL	AT	MR084071	R1	CY7C68053-56BAXIT	65/150	0	1000	77	0
BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	-	0	500	80	0
BZ100DGALL	RA	MR084073	R1	CYWB0124AB-BVXIT	65/150	0	1000	80	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	-	0	500	80	0
BZ100DGALL	RA	MR091015	R1	CYWB0124AB-BVXI	65/150	0	1000	77	0
BZ100DAALL	G	MR091028	R1	CS7129AMT	-	0	500	79	0
BZ100DAALL	G	MR091028	R1	CS7129AMT	65/150	0	1000	79	0
BZ48CFAALL	G	MR091029	R1	CY62157EV30LL-45BVXI	-	0	500	80	0
BZ48CFAALL	G	MR091029	R1	CY62157EV30LL-45BVXI	65/150	0	1000	80	0
BZ48DAGLL	RA	MR091033	R1	CY62137FV30LL-45BVXIT	-	0	500	80	0
BZ48DAGLL	RA	MR091033	R1	CY62137FV30LL-45BVXIT	65/150	0	1000	80	0
BZ48ABEALL	AT	MR091034	R1	CY62167EV30LL-45BVXI	-	0	500	80	0
BZ48ABEALL	AT	MR091034	R1	CY62167EV30LL-45BVXI	65/150	0	1000	80	0
BZ48ABLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	-	0	500	30	0

BZ48ABBLL	AT	MR092011	R1	CY62127DV30LL-55BVXIT	-	0	1000	28	0	
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	65/150	0	500	30	0	
BZ48DAGLL	RA	MR092016	R1	CY62137FV30LL-45BVXIT	-	0	1000	30	0	
BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	65/150	0	500	30	0	
BZ48CHAALL	G	MR092031	R1	CY62126EV30LL-55BVXE	-	0	1000	30	0	
BZ48CNAALL	G	RR084006	R1	CY62167DV30LL-55BVXIT	65/150	0	700	15	0	
BZ48CNAALL	G	RR084006	R1	CY62167DV30LL-55BVXIT	-	0	500	16	0	
BZ48CNAALL	G	RR084006	R1	CY62167DV30LL-55BVXIT	65/150	0	300	17	0	
BZ48CNAALL	G	RR084006	R1	CY62167DV30LL-55BVXIT	-	0	1000	14	0	
BZ48CNAALL	G	RR084006	R1	CY62167DV30LL-55BVXIT	65/150	0	100	19	0	
BZ48CNAALL	G	RR084006	R2	CY62167DV30LL-55BVXI	-	0	700	13	0	
BZ48CNAALL	G	RR084006	R2	CY62167DV30LL-55BVXI	65/150	0	500	14	0	
BZ48CNAALL	G	RR084006	R2	CY62167DV30LL-55BVXI	-	0	300	16	0	
BZ48CNAALL	G	RR084006	R2	CY62167DV30LL-55BVXI	65/150	0	1000	12	0	
BZ48CNAALL	G	RR084006	R2	CY62167DV30LL-55BVXI	-	0	100	18	0	
BZ48CNAALL	G	RR084006	R3	CY62167DV30LL-55BVXI	65/150	0	700	15	0	
BZ48CNAALL	G	RR084006	R3	CY62167DV30LL-55BVXI	-	0	500	16	0	
BZ48CNAALL	G	RR084006	R3	CY62167DV30LL-55BVXI	65/150	0	300	17	0	
BZ48CNAALL	G	RR084006	R3	CY62167DV30LL-55BVXI	-	0	1000	14	0	
BZ48CNAALL	G	RR084006	R3	CY62167DV30LL-55BVXI	65/150	0	100	18	0	
Summary for Package Family: VFBGA (0.75-0.8, 0.3mm, Pb-Free)				81	records					
Sum								6235	0	