

SUPERTEX INC -- MSL, Max Safe Temperature, and Terminal Finish Category [APRIL 2012]

Pkg Suffix	Package Description	GREEN / RoHS Compliant PACKAGE INFO			Products
		Max Safe Temp (°C)	Moisture Sensitivity Level	Terminal Finish Category (per JESD-97)	
B1	26L BCC	260	3	e4	HV230
FG	32L LQFP	260	3	e3	TC7320
FG	48L LQFP	260	3	e3	HV20220, HV20822, HV209, HV214, HV219, HV2201, HV2221, HV2301, HV232, HV2321, HV238, HV2601, HV2605, HV2612, HV2631, HV2701, HV2705, HV2706, HV2731, HV2733, HV461, MD1711
FG	100L MQFP	245	3	e3	HV254, HV256, HV257
G1	26L LLGA	260	3	e4	HV230
K1	3L TO-236AB (SOT-23)	260	1	e3	2N7002†, DN3135, LND150, LND250, TN2106, TN2124, TN2130, TN5325, TN5335, TP2104, TP5322, TP5335, VN2110, VP2110
K1	5L SOT-23	260	1	e3	HV7800, HV7801
K2	7L TO-220	260	N/A	e3	HV809
K4	3L TO-252 (D-PAK)	260	3	e3	CL1, CL2, CL220, CL520, CL525, CL6, DN2450, DN2470, DN2625, DN3765, GN2470, LR12, LR8, TN2640
K5	3L SOT-223	260	1	e3	HV100, HV101
K6	10L DFN (3x3, Pitch 0.50)	260	1	e3	HV839, HV841
K6	8L DFN (4x4, Pitch 1.00 Dual Pad)	260	1	e3	MD0100D, TC6320
K6	12L DFN (4x4, Pitch 0.50)	260	1	e4	TC7920, TC8220
K6	8L DFN (5x5, Pitch 1.27 Dual Pad)	260	3	e3	DN2625D
K6	16L QFN (3x3, Pitch 0.50)	260	1	e3	MD1820, MD1821, MD1822
K6	12L QFN (4x4, Pitch 0.80)	260	1	e3	MD1210, MD1213
K6	16L QFN (4x4, Pitch 0.65)	260	1	e3	HV816, MD1810, MD1811, MD1812, MD1813
K6	14L QFN (5x5, Pitch 1.27)	260	3	e3	TN2529
K6	32L QFN (5x5, Pitch 0.50)	260	3	e3	HV509, HV528
K6	40L QFN (6x6, Pitch 0.50)	260	3	e3	CL8800, CL8801, HV9982, HV9985, HV9986, HV9989, MD1715, MD1716
K6	48L QFN (7x7, Pitch 0.50)	260	3	e3	HV738, HV748, MD1711, MD1712
K7	8L DFN (3x3, Pitch 0.65)	260	1	e3	AT9919, HV857, HV857L, HV859, HV9918, HV9919, HV9967B
K7	10L DFN (3x3, Pitch 0.50)	260	1	e3	HV843, HV852, HV853, HV856, HV858
K7	10L DFN (4x4, Pitch 0.65)	260	1	e3	HV892
K7	12L QFN (3x3, Pitch 0.50)	260	1	e3	HV845, HV860
K7	16L QFN (3x3, Pitch 0.50)	260	1	e3	HV861
K7	40L QFN (5x5, Pitch 0.40)	260	3	e4	MD2131, MD2134
K7	32L QFN (6x6, Pitch 0.50)	260	3	e3	HV513
K7	44L QFN (7x7, Pitch 0.50)	260	3	e3	HV5523, HV5623
LG	8L SOIC (Narrow Body)	260	1	e3	AT9933, HT0440, HT0638, HT0740, HT18, HT19, HV300, HV301, HV310, HV311, HV508, HV809, HV823, HV825, HV830, HV9801A, HV9861A, HV9910B, HV9930, HV9931, HV9961, HV9971, LP0701, LR12, LR645, MD1211, SR10, TN2640, TP2640
L / LL	3L TO-92	260	N/A	e3	VN0300, VN0606, VN0808, VN1206, VN2222, VN2406, VN2410, VN3515, VN4012, VP0808
MG	8L MSOP	260	1	e3	HV7802, HV825, HV833, HV850, HV852, HV853, HV857, HV857L, HV859, HV9967B, SR036, SR037
MG	10L MSOP	260	1	e3	HV831, HV839, HV841, HV858
N2	3L TO-39 (Metal Can)	260	N/A	e4‡	2N6660†, 2N6661†, VN2210, VP2206
N3	3L TO-92	260	N/A	e3	2N7000†, 2N7008†, CL1, CL2, CL25, CL520, CL525, DN2530, DN2535, DN2540, DN3545, LND150, LP0701, LR12, LR645, LR745, LR8, TN0104, TN0106, TN0110, TN0604, TN0606, TN0610, TN0620, TN0702, TN2106, TN2540, TN2640, TN5325, TP0604, TP0606, TP0620, TP2104, TP2535, TP2540, TP2635, TP2640, VN0104, VN0106, VN0109, VN0550, VN10K, VN2106, VN2210, VN2224, VN2450, VN2460, VN3205, VP0104, VP0106, VP0109, VP0550, VP2106, VP2206, VP2450, VP3203

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N3	3L TO-92	260	N/A	e3	HV9921, HV9922, HV9923
N5	3L POWER TO-220	260	N/A	e3	CL220, CL6, DN2535, DN2540, LR645
N8	3L TO-243AA (SOT 89)	260	1	e3	CL1, CL2, CL25, DN1509, DN2450, DN2530, DN2540, DN3135, DN3145, DN3525, DN3535, DN3545, FP0100, HV9921, HV9922, HV9923, LND150, LR645, LR745, LR8, MD0100, TN0104, TN2425, TN2435, TN2501, TN2504, TN2510, TN2524, TN2535, TN2540, TN5325, TN5335, TP2424, TP2435, TP2502, TP2510, TP2520, TP2522, TP2540, TP5322, VN2450, VN2460, VN3205, VP2450, VP3203
NG	14L SOIC (Narrow Body)	260	1	e3	HV7100, HV9110, HV9112, HV9113, PS10
NG	16L SOIC (Narrow Body)	260	1	e3	HV9120, HV9123, HV9860, HV9801A, HV9861A, HV9901, HV9910B, HV9911, HV9912, HV9961, HV9963
P	14L PDIP (300 mils)	260	N/A	e3	VN3205
P	16L PDIP (300 mils)	260	N/A	e3	HV9120, HV9123
P	28L PDIP (600 mils)	260	N/A	e3	HV5812
P	40L PDIP (600 mils)	260	N/A	e3	HV518
PG	44L PQFP	260	3	e3	HV5122, HV5222, HV5308B, HV5408B, HV5522, HV5530, HV5622, HV66
PG	64L PQFP	245	3	e3	HV632, HV633, HV7224, HV7620
PG	80L PQFP	245	3	e3	HV3418, HV507, HV57009, HV57708, HV57908
PG	100L PQFP	245	3	e3	HV574
PJ	20L PLCC	250	1	e3	HV6810, HV9120, HV9123
PJ	28L PLCC	245	1	e3	HV20220, HV20320, HV214, HV219, HV2201, HV2301, HV232, HV5812
PJ	44L PLCC	245	1	e3	HV4522, HV4622, HV5122, HV518, HV5222, HV5308B, HV5408B, HV5522, HV5530, HV5622, HV5630, HV66, HV7022C, HV9308, HV9408, HV9708, HV9808
QP	44L QSOP	250	1	e3	HV9985
SG	8L SOIC (Narrow Body w/Heat Slug)	260	1	e3	CL320, CL325, CL330, CL7, HV809, HV9925, SR036, SR037, SR086, SR087
T	3L TO-236AB (SOT-23)	260	1	e3	TP0610
TG	8L SOIC (Narrow Body-Dual)	260	1	e3	TC1550, TC2320, TC6215, TC6320, TD9944
TS	24L TSSOP	260	1	e3	AT9917, AT9932
WG	16L SOW (Wide Body)	250	1	e3	HV440
WG	20L SOW (Wide Body)	250	1	e3	HV430, HV6810, HV9880, TN0604, TP0604
WG	24L SOW (Wide Body)	250	1	e3	HV513, HV514, HV9980
WG	28L SOW (Wide Body)	250	1	e3	HV5812

Moisture Sensitivity Level does not apply ("N/A") for Through-Hole Devices.

Devices in *italics* are Not Recommended for New Designs (NRND) or Consult Factory for availability.

† Package suffix not required for part number.

‡ e4 would be applicable to the TO-39 "standard" version (i.e. "N2" pre-plated leads) only.