

MOISTURE SENSITIVITY CLASSIFICATION OF MICREL SMD PACKAGES

HOW TO USE THIS TABLE:

PRODUCT AND PACKAGES CLASSIFIED LEVEL 2a -6 REQUIRE BAKE AND DRY PACK WITH APPROPRIATE WARNING LABEL

PRODUCT AND PACKAGES CLASSIFIED LEVEL 2 REQUIRE DRY PACK ONLY WITH APPROPRIATE WARNING LABEL

PRODUCT AND PACKAGES CLASSIFIED LEVEL 1 REQUIRE NO BAKE AND NO DRY PACK

Package Type	Product	Lead Count	Package Thickness	Std Pkg CLASS	Pb=free CLASS	Bake Temp	Bake Time	COMMENTS
BGA/PBGA	ALL	ALL	ALL	3	3	+125C	24 h	
CHIP SCALE (WLP)	ALL	ALL	ALL	1	1	N/A	N/A	
LQFP, LQFP-ePad	ALL	ALL	ALL	3	3	+125C	24 h	
MLF1212,1216,1616	ANALOG	ALL	.85 mm	1	1	N/A	N/A	Package Dimension
MLF22,2525,2528,33,	ANALOG	ALL	.85 mm	1	1	N/A	N/A	Package Dimension
MLF34	ANALOG	ALL	.85 mm	2	2	N/A	N/A	Package Dimension
HMLF3035, 33,	ANALOG	ALL	.85 mm	1	1	N/A	N/A	Package Dimension
TMLF- Thin MLF	ANALOG	ALL	.55mm	1	1	N/A	N/A	Package Dimension
MLF22,2525,33	HBW	ALL	.85 mm	2	2	N/A	N/A	Package Dimension
MLF44,45,55,77,HMLF46T	ALL	ALL	.85 mm	2	2	N/A	N/A	Package Dimension
FCTMLF-Cu Pillar	ALL	ALL	.55 mm	1	1	N/A	N/A	Package Dimension
MICRF-MODULES	ALL	ALL	n / a	2	2	N/A	N/A	MICRF6XX,RFBXXX
MSOP	ALL	8L-10L	1.0 mm	1	1	N/A	N/A	
MSOP-ePAD	ALL	ALL	1.0 mm	3	3	+125C	16 h	
PLCC	ALL	20L-28L	3.4 mm	1	2	N/A	N/A	
PLCC	ALL	44L-84L	3.4 mm	3	3	+125C	24 h	
PQFP	ALL	128-208L	3.4 mm	3	3	+125C	24 h	
QSOP	ALL	16L-20L	1.4 mm	1	1	N/A	N/A	
QSOP- ePAD	ALL	ALL	1.4 mm	3	3	+125C	16 h	
SC-70	ALL	ALL	1.0 mm	1	1	N/A	N/A	
SOICN	ALL	8L-16L	1.5 mm	1	1	N/A	N/A	
SOICN-Epad	ALL	ALL	1.5 mm	2	2	N/A	N/A	
SOICN-FUSED LF	ALL	8L	1.5 mm	1	2	N/A	N/A	
SOICW	ALL	14L-28L	1.5 mm	1	2	N/A	N/A	
SOICW	LF>150X150	28L	2.4 mm	3	3	+125C	24 h	SY69952,MIC5400
SOICW-Epad	ALL	ALL	2.4 mm	3	3	+125C	24 h	
SOT-143	ALL	ALL	1.0 mm	1	1	N/A	N/A	
SOT-223	ALL	ALL	1.8 mm	2	3	+125C	16 h	
SOT-23	ALL	ALL	1.1 mm	1	1	N/A	N/A	
S-PAK	ALL	ALL	2.0 mm	3	3	+125C	24 h	
SSOP	ALL	14L-48L	1.8 mm	1	2	N/A	N/A	single die
SSOP	ALL	28L	1.8 mm	1	2	N/A	N/A	dual die
SSOP	Stacked Die	48L	2.2 mm	3	3	+125C	24 h	All stacked Die
TEBGA	ALL	ALL	2.2 mm	3	3	+125C	24 h	
TO-263	ALL	ALL	4.5 mm	3	3	+125C	16 h	
TQFP	ALL	32L	1.0 mm	2	2	N/A	N/A	
TQFP	ALL	> 32L	1.0 mm	3	3	+125C	16 h	
TQFP- ePAD	ALL	ALL	1.0 mm	3	3	+125C	16 h	
TSOT-23	ALL	ALL	0.9 mm	1	1	N/A	N/A	
TSSOP	ALL	8L-28L	1.0 mm	1	2	N/A	N/A	
TSSOP-ePAD	ALL	ALL	1.2 mm	3	3	+125C	16 h	

UPDATED 2/25/2009 BY H.GRIMM