



SOT-223 PACKAGE REL MONITOR DATA

High Temperature Storage Life +150 deg C,										
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Duration	Dev. Hrs.
MIC37139 1.8YS	6A22851M09	SOT223	L3	+260C	Sn	0648	76	0	2000	152000
MIC37138 2.5BS	6A31921M70	SOT223	L2	+260C	Sn/Pb	0647	76	0	2000	152000
MIC5200 5.0YS	5A08813M29	SOT223	L3	+260C	Sn	0603	76	0	1000	76000
MIC37139 2.5BS	2A06033M04	SOT223	L2	+240C	Sn/Pb	0436	76	0	2000	152000
							304	0	532000	

Pre-conditioning Test									
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	
MIC39100 3.3WS	7A49637	SOT223	PREC.L3	+260C	Sn	0813	90	0	
MIC37139 1.8YS	6A22851M09	SOT223	PREC.L3	+260C	Sn	0648	176	0	
MIC37138 2.5BS	6A31921M70	SOT223	PREC.L2	+260C	Sn/Pb	0647	176	0	
MIC5200 5.0YS	5A08813M29	SOT223	PREC.L3	+260C	Sn	0603	243	0	
MIC5239 3.3YS	4A44637M07	SOT223	PREC.L3	+260C	Sn	0527	100	0	
MIC5239 3.3YS	4A44637M07	SOT223	PREC.L3	+260C	Sn	0527	100	0	
MIC37139 2.5BS	2A06033M04	SOT223	PREC.L2	+240C	Sn/Pb	0436	176	0	
							1061	0	

Pressure Pot (Autoclave) +121 deg C , 100%rh duration 168 hrs							
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Dev. Hrs.
MIC39100 3.3WS	7A49637	SOT223	Sn	0813	45	0	7560
MIC37139 1.8YS	6A22851M09	SOT223	Sn	0648	45	0	7560
MIC37138 2.5BS	6A31921M70	SOT223	Sn/Pb	0647	45	0	7560
MIC5200 5.0YS	5A08813M29	SOT223	Sn	0603	45	0	7560
MIC5239 3.3YS	4A44637M07	SOT223	Sn	0527	45	0	7560
MIC5239 3.3YS	4A44637M07	SOT223	Sn	0527	45	0	7560
MIC37139 2.5BS	2A06033M04	SOT223	Sn/Pb	0436	45	0	7560
					315	0	52920

Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle							
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles
MIC39100 3.3WS	7A49637	SOT223	Sn	0813	45	0	45000
MIC37139 1.8YS	6A22851M09	SOT223	Sn	0648	45	0	45000
MIC37138 2.5BS	6A31921M70	SOT223	Sn/Pb	0647	45	0	45000
MIC5200 5.0YS	5A08813M29	SOT223	Sn	0603	45	0	45000
MIC5239 3.3YS	4A44637M07	SOT223	Sn	0527	45	0	45000
MIC5239 3.3YS	4A44637M07	SOT223	Sn	0527	45	0	45000
MIC37139 2.5BS	2A06033M04	SOT223	Sn/Pb	0436	45	0	45000
					315	0	315000