



S-PAK PACKAGE REL MONITOR DATA

High Temperature Storage Life +150 deg C, 1000 hours											Fab	Assembly
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Dev. Hrs.	Process	Location	
MIC49150 WR	7A32017M72	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	BCDM	PSI	
MIC49150 WR	7A34245M03	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	BCDM	PSI	
MIC49150 WR	7A32017M04	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	BCDM	PSI	
MIC49150 WR	7A20431M85	SPAK-5	HTSL.L3	+260C	Sn	0738	76	0	76000	BCDM	PSI	
MIC49150 WR	7A20438M81G	SPAK-5	HTSL.L3	+260C	Sn	0736	76	0	76000	BCDM	PSI	
MIC69302 WR	6A42540MNF	SPAK-5	HTSL.L3	+260C	Sn	0717	76	0	76000	BCD 1.2	CARSEM	
MIC49200 WR	5A35116MNI	SPAK-5	HTSL	n/a	Sn	0547	76	0	76000	BCD2	CARSEM	
MIC37302 WR	5A21601M03	SPAK-5	HTSL.L3	+260C	Sn	0547	76	0	76000	BCDM	CARSEM	
MIC49200 1.0WR	5A35116MNF	SPAK-5	HTSL	n/a	Sn	0545	74	0	74000	BCD2	CARSEM	
MIC49150 1.2WR	5A10991M06	SPAK-5	HTSL.L3	+260C	Sn	0542	76	0	76000	BCD2	CARSEM	
MIC49500 WR	5A07634MND	SPAK-7	HTSL	n/a	Sn	0524	76	0	76000	BCD2	CARSEM	
MIC69502 WR	4A41046MNG	SPAK-7	HTSL	n/a	Sn	0520	76	0	76000	BCD 1.2	CARSEM	
MIC4685 5.0BR	4A35295MEA	SPAK-7	HTSL	n/a	SnPb	0449	76	0	76000	BCC	CARSEM	
MIC37102 BR	3A04090MEA	SPAK-5	HTSL	n/a	SnPb	0419	76	0	76000	BCDM	PSI	
MIC49300 1.8BR	3A06059MNH	SPAK-5	HTSL	n/a	SnPb	0331	76	0	76000	BCD2	CARSEM	
MIC49300 BR	3A06028MNC	SPAK-5	HTSL	n/a	SnPb	0310	76	0	76000	BCD2	CARSEM	
							1214	0	1214000			

Pre-conditioning Test										
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject		
MIC49150 WR	7A32017M72	SPAK-5	PREC.L3	+260C	Sn	0808	235	0		
MIC49150 WR	7A34245M03	SPAK-5	PREC.L3	+260C	Sn	0808	235	0		
MIC49150 WR	7A32017M04	SPAK-5	PREC.L3	+260C	Sn	0808	235	0		
MIC49150 WR	7A20431M85	SPAK-5	PREC.L3	+260C	Sn	0738	221	0		
MIC49150 WR	7A20438M81G	SPAK-5	PREC.L3	+260C	Sn	0736	317	0		
MIC69302 WR	6A42540MNF	SPAK-5	PREC.L3	+260C	Sn	0717	166	0		
MIC49200 WR	5A35116MNI	SPAK-5	PREC.L3	+260C	Sn	0547	90	0		
MIC37302 WR	5A21601M03	SPAK-5	PREC.L3	+260C	Sn	0547	166	0		

MIC49200	1.0WR	5A35116MNF	SPAK-5	PREC.L3	+260C	Sn	0545	90	0
MIC49150	1.2WR	5A10991M06	SPAK-5	PREC.L3	+260C	Sn	0542	166	0
MIC49500	WR	5A07634MND	SPAK-7	PREC.L3	+260C	Sn	0524	90	0
MIC69502	WR	4A41046MNG	SPAK-7	PREC.L3	+260C	Sn	0520	90	0
MIC37302	BR	4A45760MSB	SPAK-5	PREC.L3	+260C	SnPb	0507	90	0
MIC4685	5.0BR	4A35295MEA	SPAK-7	PREC.L3	+260C	SnPb	0449	90	0
MIC37102	BR	3A04090MEA	SPAK-5	PREC.L3	+260C	SnPb	0419	100	0
MIC49300	1.8BR	3A06059MNH	SPAK-5	PREC.L3	+240C	SnPb	0331	100	0
MIC49300	BR	3A06028MNC	SPAK-5	PREC.L3	+240C	SnPb	0310	100	0

Pressure Pot (Autoclave) +121 deg C , 100%rh duration 168 hrs

Device	Lot No	Pkg	Plating	Date	Code	SS	# Reject	Dev. Hrs.		
MIC49150	WR	7A32017M72	SPAK-5	Sn	0808	45	0	7560		
MIC49150	WR	7A34245M03	SPAK-5	Sn	0808	45	0	7560		
MIC49150	WR	7A32017M04	SPAK-5	Sn	0808	45	0	7560		
MIC49150	WR	7A20431M85	SPAK-5	Sn	0738	45	0	7560		
MIC49150	WR	7A20438M81G	SPAK-5	Sn	0736	77	1	12936	eos	
MIC69302	WR	6A42540MNF	SPAK-5	Sn	0717	45	0	7560		
MIC49200	WR	5A35116MNI	SPAK-5	Sn	0547	45	0	7560		
MIC37302	WR	5A21601M03	SPAK-5	Sn	0547	45	0	7560		
MIC49200	1.0WR	5A35116MNF	SPAK-5	Sn	0545	45	0	7560		
MIC49150	1.2WR	5A10991M06	SPAK-5	Sn	0542	45	0	7560		
MIC49500	WR	5A07634MND	SPAK-7	Sn	0524	45	0	7560		
MIC69502	WR	4A41046MNG	SPAK-7	Sn	0520	45	0	7560		
MIC37302	BR	4A45760MSB	SPAK-5	SnPb	0507	45	0	7560		
MIC4685	5.0BR	4A35295MEA	SPAK-7	SnPb	0449	45	0	7560		
MIC37102	BR	3A04090MEA	SPAK-5	SnPb	0419	45	0	7560		
MIC49300	1.8BR	3A06059MNH	SPAK-5	SnPb	0331	45	0	7560		
MIC49300	BR	3A06028MNC	SPAK-5	SnPb	0310	45	0	7560		
							797	1	133896	

Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle								
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles	
MIC49150	WR	7A32017M72	SPAK-5	Sn	0808	45	0	45000
MIC49150	WR	7A34245M03	SPAK-5	Sn	0808	45	0	45000
MIC49150	WR	7A32017M04	SPAK-5	Sn	0808	45	0	45000
MIC49150	WR	7A20431M85	SPAK-5	Sn	0738	45	0	45000
MIC49150	WR	7A20438M81G	SPAK-5	Sn	0736	77	0	77000
MIC69302	WR	6A42540MNF	SPAK-5	Sn	0717	45	0	45000
MIC49200	WR	5A35116MNI	SPAK-5	Sn	0547	45	0	45000
MIC37302	WR	5A21601M03	SPAK-5	Sn	0547	45	0	45000
MIC49200	1.0WR	5A35116MNF	SPAK-5	Sn	0545	45	0	45000
MIC49150	1.2WR	5A10991M06	SPAK-5	Sn	0542	45	0	45000
MIC49500	WR	5A07634MND	SPAK-7	Sn	0524	45	0	45000
MIC69502	WR	4A41046MNG	SPAK-7	Sn	0520	45	0	45000
MIC37302	BR	4A45760MSB	SPAK-5	SnPb	0507	45	0	45000
MIC4685	5.0BR	4A35295MEA	SPAK-7	SnPb	0449	45	0	45000
MIC37102	BR	3A04090MEA	SPAK-5	SnPb	0419	45	0	45000
MIC49300	1.8BR	3A06059MNH	SPAK-5	SnPb	0331	45	0	45000
MIC49300	BR	3A06028MNC	SPAK-5	SnPb	0310	45	0	45000
						797	0	797000