



S-PAK Lead Free Package Rel Data

High Temperature Storage Life +150 deg C, 1000 hours											Assembly
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Dev. Hrs.	Location	
MIC49150	WR	7A32017M72	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	PSI
MIC49150	WR	7A34245M03	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	PSI
MIC49150	WR	7A32017M04	SPAK-5	HTSL.L3	+260C	Sn	0808	76	0	76000	PSI
MIC49150	WR	7A20431M85	SPAK-5	HTSL.L3	+260C	Sn	0738	76	0	76000	PSI
MIC49150	WR	7A20438M81G	SPAK-5	HTSL.L3	+260C	Sn	0736	76	0	76000	PSI
MIC69302	WR	6A42540MNF	SPAK-5	HTSL.L3	+260C	Sn	0717	76	0	76000	CARSEM
MIC49200	WR	5A35116MNI	SPAK-5	HTSL	n/a	Sn	0547	76	0	76000	CARSEM
MIC37302	WR	5A21601M03	SPAK-5	HTSL.L3	+260C	Sn	0547	76	0	76000	CARSEM
MIC49200	1.0WR	5A35116MNF	SPAK-5	HTSL	n/a	Sn	0545	74	0	74000	CARSEM
MIC49150	1.2WR	5A10991M06	SPAK-5	HTSL.L3	+260C	Sn	0542	76	0	76000	CARSEM
MIC49500	WR	5A07634MND	SPAK-7	HTSL	n/a	Sn	0524	76	0	76000	CARSEM
MIC69502	WR	4A41046MNG	SPAK-7	HTSL	n/a	Sn	0520	76	0	76000	CARSEM

910	0	910000
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Pre-conditioning Test											Assembly
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Location		
MIC49150	WR	7A32017M72	SPAK-5	PREC.L3	+260C	Sn	0808	235	0	PSI	
MIC49150	WR	7A34245M03	SPAK-5	PREC.L3	+260C	Sn	0808	235	0	PSI	
MIC49150	WR	7A32017M04	SPAK-5	PREC.L3	+260C	Sn	0808	235	0	PSI	
MIC49150	WR	7A20431M85	SPAK-5	PREC.L3	+260C	Sn	0738	221	0	PSI	
MIC49150	WR	7A20438M81G	SPAK-5	PREC.L3	+260C	Sn	0736	317	0	PSI	
MIC69302	WR	6A42540MNF	SPAK-5	PREC.L3	+260C	Sn	0717	166	0	CARSEM	
MIC49200	WR	5A35116MNI	SPAK-5	PREC.L3	+260C	Sn	0547	90	0	CARSEM	
MIC37302	WR	5A21601M03	SPAK-5	PREC.L3	+260C	Sn	0547	166	0	CARSEM	
MIC49200	1.0WR	5A35116MNF	SPAK-5	PREC.L3	+260C	Sn	0545	90	0	CARSEM	
MIC49150	1.2WR	5A10991M06	SPAK-5	PREC.L3	+260C	Sn	0542	166	0	CARSEM	
MIC49500	WR	5A07634MND	SPAK-7	PREC.L3	+260C	Sn	0524	90	0	CARSEM	
MIC69502	WR	4A41046MNG	SPAK-7	PREC.L3	+260C	Sn	0520	90	0	CARSEM	

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

Pressure Pot (Autoclave) +121 deg C , 100%rh duration 168 hrs									Assembly
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Dev. Hrs.	Location	
MIC49150 WR	7A32017M72	SPAK-5	Sn	0808	45	0	7560	PSI	
MIC49150 WR	7A34245M03	SPAK-5	Sn	0808	45	0	7560	PSI	
MIC49150 WR	7A32017M04	SPAK-5	Sn	0808	45	0	7560	PSI	
MIC49150 WR	7A20431M85	SPAK-5	Sn	0738	45	0	7560	PSI	
MIC49150 WR	7A20438M81G	SPAK-5	Sn	0736	77	1	12936	PSI eos	
MIC69302 WR	6A42540MNF	SPAK-5	Sn	0717	45	0	7560	CARSEM	
MIC49200 WR	5A35116MNI	SPAK-5	Sn	0547	45	0	7560	CARSEM	
MIC37302 WR	5A21601M03	SPAK-5	Sn	0547	45	0	7560	CARSEM	
MIC49200 1.0WR	5A35116MNF	SPAK-5	Sn	0545	45	0	7560	CARSEM	
MIC49150 1.2WR	5A10991M06	SPAK-5	Sn	0542	45	0	7560	CARSEM	
MIC49500 WR	5A07634MND	SPAK-7	Sn	0524	45	0	7560	CARSEM	
MIC69502 WR	4A41046MNG	SPAK-7	Sn	0520	45	0	7560	CARSEM	

572	1	96096
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**Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle**

Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle									Assembly
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles	Location	
MIC49150 WR	7A32017M72	SPAK-5	Sn	0808	45	0	45000	PSI	
MIC49150 WR	7A34245M03	SPAK-5	Sn	0808	45	0	45000	PSI	
MIC49150 WR	7A32017M04	SPAK-5	Sn	0808	45	0	45000	PSI	
MIC49150 WR	7A20431M85	SPAK-5	Sn	0738	45	0	45000	PSI	
MIC49150 WR	7A20438M81G	SPAK-5	Sn	0736	77	0	77000	PSI	
MIC69302 WR	6A42540MNF	SPAK-5	Sn	0717	45	0	45000	CARSEM	
MIC49200 WR	5A35116MNI	SPAK-5	Sn	0547	45	0	45000	CARSEM	
MIC37302 WR	5A21601M03	SPAK-5	Sn	0547	45	0	45000	CARSEM	
MIC49200 1.0WR	5A35116MNF	SPAK-5	Sn	0545	45	0	45000	CARSEM	
MIC49150 1.2WR	5A10991M06	SPAK-5	Sn	0542	45	0	45000	CARSEM	
MIC49500 WR	5A07634MND	SPAK-7	Sn	0524	45	0	45000	CARSEM	
MIC69502 WR	4A41046MNG	SPAK-7	Sn	0520	45	0	45000	CARSEM	

572	0	572000
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