



SOIC Lead Free Package Rel Data

High Temperature Storage Life +150 deg C,

Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Dev. Hrs.
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UNISEM

SY100EL16VZG	7A35358MEB	8	L1	+260C	NiPdAu	0813	76	0	76000
MIC9102A	7A25053MEF	16	L1	+260C	Sn	0744	76	0	76000
MIC38C43 YM	6A46195MEGG	8	L1	+260C	Sn	0732	76	0	76000
MIC38C43YM	6A46197MEG	8	L1	+260C	Sn	0729	76	0	76000
MIC69153 YME	6A50760MNA	8	L2	+260C	Sn	0718	76	0	76000
MIC4680 3.3YM	6A35612MSC	8	L2	+260C	Sn	0652	76	0	76000
SY100ELT22LZG	6A16999MED	8	L1	+260C	NiPdAu	0649	76	0	76000
SY100ELT22LZI	6A18264MSD	8	L1	+260C	NiPdAu	0643	76	0	76000
MIC4684 YM	6A27491M81	8	L2	+260C	Sn	0638	76	0	76000
MIC4680 YM	6A20594MEA	8	L2	+260C	Sn	0633	76	0	76000
MIC4127 YME	5A49712M14	8	L2	+260C	Sn	0623	76	0	76000
MIC2186 YM	4A19096	16	L1	+260C	Sn	0619	76	0	76000
MIC4680 YM	4A20253MEC	8	n/a	+260C	Sn	0612	76	0	76000
MIC4100 YM	5A45337MNP	8	n/a	n/a	Sn	0608	76	0	76000
MIC4123 YME	4A43470MNB	8	n/a	n/a	Sn	0548	76	0	76000
SY100ELT22LZI	5A31616MND	8	n/a	n/a	NiPdAu	0546	76	0	76000
SY100EL11VZG	4A50304M03	8	n/a	n/a	Sn	0515	76	0	76000
MIC2562A 1YM	4A45733MEB	14	n/a	n/a	Sn	0507	76	0	76000
MIC2951 02YM	4A27071MEA	8	n/a	n/a	Sn	0452	76	0	76000

1444	0	1444000
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Pre-conditioning Test								
Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject

UNISEM

SY100EL16VZG	7A35358MEB	8	L1	+260C	NiPdAu	0813	175	0
MIC2026 1YM	7A45961M02	8	L1	+260C	Sn	0806	90	0
MIC9102A	7A25053MEF	16	L1	+260C	Sn	0744	226	0
MIC38C43 YM	6A46195MEGG	8	L1	+260C	Sn	0732	191	0
MIC38C43YM	6A46197MEG	8	L1	+260C	Sn	0729	191	0
MIC69153 YME	6A50760MNA	8	L2	+260C	Sn	0718	221	0
MIC4680 3.3YM	6A35612MSC	8	L2	+260C	Sn	0652	176	0
SY100ELT22LZG	6A16999MED	8	L1	+260C	NiPdAu	0649	166	0
SY100ELT22LZI	6A18264MSD	8	L1	+260C	NiPdAu	0643	166	0
MIC4684 YM	6A27491M81	8	L2	+260C	Sn	0638	221	0
SY100EL34LZG	6A13552	16	L2	+260C	NiPdAu	0635	90	0
MIC4680 YM	6A20594MEA	8	L2	+260C	Sn	0633	176	0
MIC4127 YME	5A49712M14	8	L2	+260C	Sn	0623	176	0
MIC4103 YM	6A10008MNJ	8	L1	+260C	Sn	0619	166	0
MIC2186 YM	4A19096	16	L1	+260C	Sn	0619	166	0
MIC4680 YM	4A20253MEC	8	L2	+260C	Sn	0612	176	0
MIC4100 YM	5A45337MNP	8	L1	+260C	Sn	0608	90	0
SY100ELT22LZI	5A35120MNH	8	L1	+260C	NiPdAu	0549	90	0
MIC4123 YME	4A43470MNB	8	L2	+260C	Sn	0548	100	0
SY100EL11VZG	4A50304M03	8	L1	+260C	NiPdAu	0515	100	0
MIC2026 1YM	5A01009M01	8	L1	+260C	Sn	0511	100	0
MIC2562A 1YM	4A45733MEB	14	L1	+260C	Sn	0507	135	0
MIC2951 02YM	4A27071MEA	8	L1	+260C	Sn	0452	135	0

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

Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Dev. Hrs.
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UNISEM

SY100EL16VZG	7A35358MEB	8	NiPdAu	0813A	45	0	7560
MIC2026 1YM	7A45961M02	8	Sn	0806	45	0	7560
MIC9102A	7A25053MEF	16	Sn	0744	45	0	7560
MIC38C43 YM	6A46195MEGG	8	Sn	0732	45	0	7560
MIC38C43YM	6A46197MEG	8	Sn	0729	45	0	7560
MIC69153 YME	6A50760MNA	8	Sn	0718	45	0	7560
MIC4680 3.3YM	6A35612MSC	8	Sn	0652	45	0	7560
SY100ELT22LZG	6A16999MED	8	NiPdAu	0649	45	0	7560
SY100ELT22LZI	6A18264MSD	8	NiPdAu	0643G	45	0	7560
MIC4684 YM	6A27491M81	8	Sn	0638	45	0	7560
SY100EL34LZG	6A13552	16	NiPdAu	0635	45	0	7560
MIC4680 YM	6A20594MEA	8	Sn	0633	45	0	7560
MIC4127 YME	5A49712M14	8	Sn	0623	45	0	7560
MIC4103 YM	6A10008MNJ	8	Sn	0619	45	0	7560
MIC2186 YM	4A19096	16	Sn	0619	45	0	7560
MIC4680 YM	4A20253MEC	8	Sn	0612	45	0	7560
MIC4100 YM	5A45337MNP	8	Sn	0608	45	0	7560
SY100ELT22LZI	5A35120MNH	8	NiPdAu	0549	45	0	7560
MIC4123 YME	4A43470MNB	8	Sn	0548	45	0	7560
SY100ELT22LZI	5A31616MND	8	NiPdAu	0546X	45	0	7560
SY100EL11VZG	4A50304M03	8	NiPdAu	0515D	45	0	7560
MICRF002 BM	4A19022MNC	16	Sn	0512	45	0	7560
MIC2026 1Y	5A01009M01	8	NiPdAu	0511	45	0	7560
MIC2562A 1YM	4A45733MEB	14	Sn	0507	45	0	7560
MIC2951 02YM	4A27071MEA	8	Sn	0452	45	0	7560

1125	0	189000
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Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle							
Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles

UNISEM

SY100EL16VZG	7A35358MEB	8	NiPdAu	0813A	45	0	45000
MIC2026 1YM	7A45961M02	8	Sn	0806	45	0	45000
MIC9102A	7A25053MEE	16	Sn	0744	45	0	45000
MIC38C43 YM	6A46195MEGG	8	Sn	0732	45	0	45000
MIC38C43YM	6A46197MEG	8	Sn	0729	45	0	45000
MIC69153 YME	6A50760MNA	8	Sn	0718	45	0	45000
MIC4680 3.3YM	6A35612MSC	8	Sn	0652	45	0	45000
SY100ELT22LZG	6A16999MED	8	NiPdAu	0649Z	45	0	45000
SY100ELT22LZI	6A18264MSD	8	NiPdAu	0643G	45	0	45000
MIC4684 YM	6A27491M81	8	Sn	0638	45	0	45000
SY100EL34LGZ	6A13552	16	NiPdAu	0635Z	45	0	45000
MIC4680 YM	6A20594MEA	8	Sn	0633	45	0	45000
MIC4127 YME	5A49712M14	8	Sn	0623	45	0	45000
MIC4103 YM	6A10008MNJ	8	Sn	0619	45	0	45000
MIC2186 YM	4A19096	16	Sn	0619	45	0	45000
MIC4680 YM	4A20253MEC	8	Sn	0612	45	0	45000
MIC4100 YM	5A45337MNP	8	Sn	0608	45	0	45000
SY100ELT22LZI	5A35120MNH	8	NiPdAu	0549E	45	0	45000
MIC4123 YME	4A43470MNB	8	Sn	0548	45	0	45000
SY100ELT22LZI	5A31616MND	8	NiPdAu	0546X	45	0	45000
SY100EL11VZG	4A50304M03	8	NiPdAu	0515D	45	0	45000
MICRF002 BM	4A19022MNC	16	Sn	0512	45	0	45000
MIC2026 1YM	5A01009M01	8	NiPdAu	0511	45	0	45000
MIC2562A 1YM	4A45733MEB	14	Sn	0507	45	0	45000
MIC2951 02YM	4A27071MEA	8	Sn	0452	45	0	45000

1125	0	1125000
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High Temperature Storage Life +150 deg C,

Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Dev. Hrs.
AMKOR									
SY100ELT22LTG	7A13445M16	8	L1	+260C	NiPdAu	0752	76	0	76000
SY100EL11	7A09216M07	8	L1	+260C	NiPdAu	0728	76	0	76000
SY100ELT22	6A18218MSY	8	L1	+260C	NiPdAu	0726	76	0	76000
SY100EL34LZG	7A13423M20	16	L1	+260C	NiPdAu	0722	76	0	76000
SY100EL34LZG	6A13552	16	L1	+260C	NiPdAu	0635	76	0	76000
MIC2027 1YM	6A04309M02	16	L1	+260C	NiPdAu	0616	76	0	76000
SY100EL16VDZG	B778M07H	16	L1	+260C	NiPdAu	0530	76	0	76000
SY100EL16VDZG	B632M12H	16	n/a	n/a	NiPdAu	0521	76	0	76000
SY87701ALZG	3A08061MNG	28	n/a	n/a	NiPdAu	0521	76	0	76000
SY87701VSH	4A44541M01	28	n/a	n/a	NiPdAu	0514	76	0	76000
SY100EL16VZG	413411MNA	8	n/a	n/a	NiPdAu	0507	76	0	76000
SY100ELT22LZG	4A13389M01	8	n/a	n/a	NiPdAu	0503	74	0	74000
MIC4123 YME	4A43469MNE	8	n/a	n/a	NiPdAu	0452	76	0	76000
MIC4125 YME	4A43469MNG	8	n/a	n/a	NiPdAu	0451	76	0	76000
MIC4124 YME	4A43469MNB	8	n/a	n/a	NiPdAu	0451	76	0	76000
MIC4120 YME	4A36455MNB	8	n/a	n/a	NiPdAu	0450	76	0	76000
							1214	0	1214000

Pre-conditioning Test

Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject
AMKOR								
SY100ELT22LTG	7A13445M16	8	L1	+260C	NiPdAu	0752	170	0
SY100EL11	A709216M07	8	L1	+260C	NiPdAu	0728	166	0
SY100ELT22	6A18218MSY	8	L1	+260C	NiPdAu	0726	166	0
SY100EL34LZG	7A12423M20	16	L1	+260C	NiPdAu	0722	166	0
SY100EL11VZG	6A18240M01	8	L1	+260C	NiPdAu	0637	76	0
MIC2027 1YM	6A04309M02	16	L1	+260C	NiPdAu	0616	175	0
SY100EL16VDZG	B778M07H	16	L1	+260C	NiPdAu	0530	166	0
SY100EL16VDZG	B632M12H	16	L1	+260C	NiPdAu	0521	100	0
SY87701ALZG	3A08061MNG	28	L1	+260C	NiPdAu	0521	189	0
SY87701VSH	4A44541M01	28	L3	+260C	NiPdAu	0514	100	0
SY100EL16VZG	413411MNA	8	L1	+260C	NiPdAu	0507	100	0
SY100ELT22LZG	4A13389M01	8	L1	+260C	NiPdAu	0503	100	0

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

Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Dev. Hrs.
AMKOR							
SY100ELT22LTG	7A13445M16	8	NiPdAu	0752	45	0	7560
SY100EL11	7A09216M07	8	NiPdAu	0728	45	0	7560
SY100ELT22	6A18218MSY	8	NiPdAu	0726	45	0	7560
SY100EL34LZG	7A13423M20	16	NiPdAu	0722	45	0	7560
SY100EL34LZG	6A13552	16	NiPdAu	0635	45	0	7560
MIC2027 1YM	6A04309M02	16	NiPdAu	0616	45	0	7560
SY100EL16VDZG	B778M07H	16	NiPdAu	0530	45	0	7560
SY100EL16VDZG	B632M12H	16	NiPdAu	0521	45	0	7560
SY87701ALZG	3A98061MNG	28	NiPdAu	0521	45	0	7560
SY87701VSH	4A44541M01	28	NiPdAu	0514	45	0	7560
SY100EL16VZG	413411MNA	8	NiPdAu	0507	45	0	7560
SY100ELT22LZG	4A13389M01	8	NiPdAu	0503	45	1	7560

MFA2005-033 Silicon defect

540	1	90720
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Temperature Cycle +150 deg C to -65 deg C duration 1000 cycle

Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles
AMKOR							
SY100ELT22LTG	7A13445M16	8	NiPdAu	0752	45	0	45000
SY100EL11	7A09216M07	8	NiPdAu	0728	45	0	45000
SY100ELT22	6A18218MSY	8	NiPdAu	0726	45	0	45000
SY100EL34LZG	7A13423M20	16	NiPdAu	0722	45	0	45000
SY100EL34LZG	6A13552	16	NiPdAu	0635	45	0	45000
MIC2027 1YM	6A04309M02	16	NiPdAu	0616	45	0	45000
SY100EL16VDZG	B778M07H	16	NiPdAu	0530	45	0	45000
SY100EL16VDZG	B632M12H	16	NiPdAu	0521	45	0	45000
SY87701ALZG	3A08061MNG	28	NiPdAu	0521	45	0	45000
SY87701VSH	4A44541M01	28	NiPdAu	0514	45	0	45000
SY100EL16VZG	413411MNA	8	NiPdAu	0507	45	0	45000
SY100ELT22LZG	4A13389M01	8	NiPdAu	0503	45	0	45000

540	0	540000
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