



UNISEM MLF Lead Free Package Rel Data
NiPdAu Plating - Green Compound Sumitomo G770

High Temperature Storage Life +150 deg C, 1000 hours

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Hrs.
MIC94060 YML	3A23056MNF	MLF1216D-4	L1	0610	76	0	1000
MIC5319 2.9YML	7A46521MED	MLF22D-6	L1	0819	76	0	1000
MIC5319 2.9YML	7A46521MEC	MLF22D-6	L1	0820	76	0	1000
MIC5305 2.8YML	6A13554MEK	MLF22D-6	L1	0734	76	0	1000
MIC5320 MMYML	6A06673MNZ	MLF22D-6	L1	0612	76	0	1000
MIC5318 2.85YML	5A46500MNE	MLF22D-6	L1	0624	76	0	1000
MIC5301 YML	5A46501MNG	MLF22D-6	L1	0622	76	0	1000
MIC5248 1.2YML	5A25983MEA	MLF22D-6	L1	0633	76	0	1000
MIC5232 1.2YML	5A19419MNG	MLF22D-6	L1	0549	76	0	1000
MIC2605 YML	7A49846MNH	MLF22D-8	L1	0811	76	0	1000
MIC2250 YML	7A43749MNL	MLF22D-8	L1	0810	76	0	2000
SY54016 ARMH	6A37874MNC	MLF22D-8	L1	0746	76	0	1000
MIC5310 MMYML	PB51488.1MEA	MLF22D-8	L1	0728	76	0	2000
MIC5310 MMYML	PB51379.1MEB	MLF22D-8	L1	0723	76	0	2000
MIC3289 16YML	6A43689MNE	MLF22D-8	L1	0649	68	0	1000
MIC5310 MMYML	PB47860MEA	MLF22D-8	L1	0644	76	0	1000
MIC5310 MMYML	PB47711.2	MLF22D-8	L1	0644	76	0	1000
MIC5310 MMYML	PB47702MEA	MLF22D-8	L1	0644	76	0	1000
SY89250VMG	B630AM081	MLF22D-8	L1	0644	76	0	2000
SY89306VMG	4A42335M18	MLF22D-8	L1	0638	76	0	1000
SY89313VMG	4A37547M10	MLF22D-8	L1	0638	74	0	1000
MIC5310 MMYML	PB45060.1MEA	MLF22D-8	L1	0633	76	0	1000
MIC3289 24YML	6A17149MND	MLF22D-8	L1	0627	76	0	1000
SY89208VMG	5A49659M90	MLF22D-8	L1	0623	76	0	2000
MIC5310 MMYML	5A49653MNE	MLF22D-8	L1	0612	76	0	1000
MIC2290 YML	5A49669MEB	MLF22D-8	L1	0611	76	0	1000
MIC94069 YML	5A06493MSB	MLF22D-8	L1	0607	76	0	1000
MIC94066 YML	5A46430MEA	MLF22D-8	L1	0605	76	0	1000

High Temperature Storage Life +150 deg C, 1000 hours

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Hrs.
MIC69103 YML	7A11226MNC	MLF33D-10	L1	0721	76	0	1000
MIC68200 3.3YML	5A34990MNE	MLF33D-10		0545	76	0	1000
MIC68200 YML	5A34990MNY	MLF33D-10		0603	76	0	1000
MIC68200 YML	5A34990MNF	MLF33D-10		0544	76	0	1000
MIC2214 JGYML	5A12218MEC	MLF33D-10		0526	76	0	1000
MIC22200 YML	7A40287MNE	MLF33D-12	L1	0809	76	0	1000
MIC2569 YML	7A23682MNJ	MLF33D-12	L1	0733	76	0	2000
MIC2299 15YML	7A04550MNE	MLF33D-12	L1	0724	76	0	2000
MIC2298 15YML	7A04549MNC	MLF33D-12	L1	0712	71	0	2000
MIC2238 GFHYML	6A42514MNL	MLF33D-12		0651	50	0	2000
MIC4723 YML	6A15940MNG	MLF33D-12	L1	0648	76	0	2000
MIC2299 15YML	6A25279MND	MLF33D-12	L1	0638	76	0	2000
MIC4722 YML	6A10064MNB	MLF33D-12	L1	0620	76	0	1000
SY58023UMG	7A31915M15	MLF33Q-16	L2	0751Y	76	0	2000
SY88313BLMG	5A26121M20	MLF33Q-16	L2	0722P	76	0	2000
SY58023UMG	6A10023M10	MLF33Q-16	L2	0722L	76	0	2000
SY89230UMG	6A50668MNC	MLF33Q-16	L2	0720	76	0	2000
SY58611UMG	6A42513MNF	MLF33Q-16	L2	0716	76	0	2000
SY88422LMG	6A10045MND	MLF33Q-16	L2	0716	76	0	2000
SY58021UMG	6A11218M12	MLF33Q-16	L2	0708V	76	0	2000
SY58023UMG	6A07615M02	MLF33Q-16	L2	0644X	76	0	2000
SY58021UMG	5A17128MEF	MLF33Q-16	L2	0611G	76	0	4000
SY58016LMG	4A14534MED1	MLF33Q-16	L2	0548W	76	0	3000
SY89833LMG	3B03008MEC	MLF33Q-16	L2	0528	76	0	3000

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

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Cycles
MIC94060 YML	3A23056MNF	MLF1216D-4	L1	0610	45	0	1000
MIC5319 2.9YML	7A46521MEC	MLF22D-6	L1	0820	45	0	1000
MIC5319 2.9YML	7A46521MED	MLF22D-6	L1	0819	45	0	1000
MIC5305 2.8YML	6A13554MEK	MLF22D-6	L1	0734	45	0	1000
MIC5248 1.2YML	5A25983MEA	MLF22D-6	L1	0633	45	0	1000
MIC5318 2.85YML	5A46500MNE	MLF22D-6	L1	0624	45	0	1000
MIC5301 YML	5A46501MNG	MLF22D-6	L1	0622	45	0	1000
MIC5305 DBML	4A48007MEM	MLF22D-6	L1	0618	45	0	1000
MIC5320 MMYML	6A06673MNZ	MLF22D-6	L1	0612	45	0	1000
MIC5232 1.2YML	5A19419MNG	MLF22D-6	L1	0549	45	0	1000
MIC2005 0.8YML	4A48052MNFA	MLF22D-6	L1	0532	45	0	1000
MIC5305 2.9YML	4A43475MEB	MLF22D-6	L2	0520	45	0	1000
MIC5305 CBML	4A48007MEM	MLF22D-6	L2	0513	45	0	1000
MIC2605 YML	7A49846MNH	MLF22D-8	L1	0811	45	0	1000
MIC2250 YML	7A43749MNL	MLF22D-8	L1	0810	45	0	1000
SY54016 ARMG	6A37874MNC	MLF22D-8	L1	0746	45	0	1000
MIC5310 MMYML	PB51488.1MEA	MLF22D-8	L1	0728	45	0	1000
MIC5310 MMYML	PB51379.1MEB	MLF22D-8	L1	0723	45	0	1000
MIC3289 16YML	6A43689MNE	MLF22D-8	L1	0649	45	0	1000
MIC5310 MMYML	PB47860MEA	MLF22D-8	L1	0644	44	0	1000
MIC5310 MMYML	PB47702MEA	MLF22D-8	L1	0644	45	0	1000
SY89250VMG	B630AM081	MLF22D-8	L1	0644	45	0	1000
SY89306VMG	4A42335M18	MLF22D-8	L1	0638	45	0	1000
SY89313VMG	4A37547M10	MLF22D-8	L1	0638	45	0	1000
MIC5310 MMYML	PB45060.1MEA	MLF22D-8	L1	0633	45	0	1000
MIC3289 24YML	6A17149MND	MLF22D-8	L1	0627	45	0	1000
SY89208VMG	5A49659M90	MLF22D-8	L1	0623	45	0	1000
MIC5310 MMYML	5A49653MNE	MLF22D-8	L1	0612	45	0	1000
MIC2290 YML	5A49669MEB	MLF22D-8	L1	0611	45	0	1000
MIC94066 YML	5A46430MEA	MLF22D-8	L1	0605	45	0	1000

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

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Cycles
MIC5310 FMYML	5A36210MNL	MLF22D-8	L1	0549	45	0	1000
MIC44F18 YML	5A37322MNF	MLF22D-8	L1	0545	45	0	1000
MIC5310SJ YML	5A24891MNI	MLF22D-8	L1	0536	45	0	1000
MIC2287 24YML	5A25942MEB	MLF22D-8	L1	0533	45	0	1000
MIC5209 YML	5A11119MEA	MLF22D-8	L1	0526	45	0	1000
MIC2296 YML	4A18916MNK	MLF22D-8	L2	0508	45	0	1000
SY56016 RMG	6A48416MND	MLF22Q-10	L2	0826	43	0	1000
MIC69103 YML	7A11226MNC	MLF33D-10	L1	0721	45	0	1000
MIC68200 YML	5A34990MNY	MLF33D-10	L1	0603	44	0	1000
MIC68200 3.3YML	5A34990MNE	MLF33D-10	L1	0545	45	0	1000
MIC2205 1.85YML	5A05391MNC	MLF33D-10	L1	0534Y	45	0	1000
MIC2214 JGYML	5A12218MEC	MLF33D-10	L2	0526	45	0	1000
MIC2214 PSYML	5A01002MEB	MLF33D-10	L1	0521	45	0	1000
MIC2214 PSYML	5A01031MEB	MLF33D-10	L1	0521	44	0	1000
MIC22200 YML	7A40287MNE	MLF33D-12	L1	0809	45	0	1000
MIC2569 YML	7A23682MNJ	MLF33D-12	L1	0733	45	0	1000
MIC2230 GFHYML	7A16821MSB	MLF33D-12	L1	0727	45	0	1000
MIC2299 15YML	7A04550MNE	MLF33D-12	L1	0724	45	0	1000
MIC2298 15YML	7A04549MNC	MLF33D-12	L1	0712	45	0	1000
MIC2238 GFHYML	6A42514MNL	MLF33D-12	L1	0651	45	0	1000
MIC4723 YML	6A15940MNG	MLF33D-12	L1	0648	45	0	1000
MIC2299 15YML	6A25279MND	MLF33D-12	L1	0638	45	0	1000
MIC4722 YML	6A10064MNB	MLF33D-12	L1	0620	45	0	1000

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

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Cycles
SY58023UMG	7A31915M15	MLF33Q-16	L2	0751Y	45	0	1000
SY88313BLMG	5A26121M20	MLF33Q-16	L2	0722P	45	0	1000
SY58023UMG	6A10023M10	MLF33Q-16	L2	0722L	45	0	1000
SY89230UMG	6A50668MNC	MLF33Q-16	L2	0720	45	0	1000
SY88422LMG	6A10045MND	MLF33Q-16	L2	0716	45	0	1000
SY58611UMG	6A42513MNF	MLF33Q-16	L2	0716	45	0	1000
SY58021UMG	6A11218M12	MLF33Q-16	L2	0708V	45	0	1000
SY58023UMG	6A07615M02	MLF33Q-16	L2	0644X	45	0	1000
SY58021UMG	5A17128MEF	MLF33Q-16	L1	0611G	44	0	1000
MIC2550 YML	5A49750MEA	MLF33Q-16	L2	0552	45	0	1000
SY58016LMG	4A14534MED1	MLF33Q-16	L2	0548W	45	0	1000
SY58023UMI	4A14533MSA	MLF33Q-16	L2	0534Z	45	0	1000
SY89833LMG	3B03008MEC	MLF33Q-16	L2	0528	45	0	1000
MIC22400 YML	7A20348MNN	MLF34Q-20	L2	0804	45	0	1000

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

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Hrs.
MIC94060 YML	3A23056MNF	MLF1216D-4	L1	0610	45	0	168
MIC5319 2.9YML	7A46521MEC	MLF22D-6	L1	0820	45	0	168
MIC5319 2.9YML	7A46521MED	MLF22D-6	L1	0819	45	0	168
MIC5305 2.8YML	6A13554MEJ	MLF22D-6	L1	0734	45	0	168
MIC5248 1.2YML	5A25983MEA	MLF22D-6	L1	0633	45	0	168
MIC5318 2.85YML	5A46500MNE	MLF22D-6	L1	0624	45	0	168
MIC5301 YML	5A46501MNG	MLF22D-6	L1	0622	45	0	168
MIC5305 DBML	4A48007MEM	MLF22D-6	L1	0618	45	0	168
MIC5320 MMYML	6A06673MNZ	MLF22D-6	L1	0612	45	0	168
MIC5232 1.2YML	5A19419MNG	MLF22D-6	L1	0549	45	0	168
MIC2005 2.8YML	4A48052MNF A	MLF22D-6	L1	0532	45	0	168
MIC5305 2.9YML	4A43475MEB	MLF22D-6	L2	0520	45	0	168
MIC5305 CBML	4A48007MEM	MLF22D-6	L2	0513	45	0	168
MIC2605 YML	7A49846MNH	MLF22D-8	L1	0811	45	0	168
MIC2250 YML	7A43749MNL	MLF22D-8	L1	0810	45	0	168
MIC5310 MMYML	PB51488.1MEA	MLF22D-8	L1	0728	45	0	168
MIC5310 MMYML	PB51379.1MEB	MLF22D-8	L1	0723	45	0	168
MIC3289 16YML	6A43689MNE	MLF22D-8	L1	0649	45	0	168
MIC5310 MMYML	PB47860MEA	MLF22D-8	L1	0644	44	0	168
MIC5310 MMYML	PB47711.2	MLF22D-8	L1	0644	45	0	168
MIC5310 MMYML	PB47702MEA	MLF22D-8	L1	0644	45	0	168
SY89250VMG	B630AM081	MLF22D-8	L1	0644	45	0	168
SY89306VMG	4A42335M18	MLF22D-8	L1	0638	45	0	168
SY89313VMG	4A37547M10	MLF22D-8	L1	0638	45	0	168
MIC5310 MMYML	PB45060.1MEA	MLF22D-8	L1	0633	45	0	168
MIC3289 24YML	6A17149MND	MLF22D-8	L1	0627	45	0	168
SY89208VMG	5A49659M90	MLF22D-8	L1	0623	45	0	168
MIC5310 MMYML	5A49653MNE	MLF22D-8	L1	0612	45	0	168
MIC2290 YML	5A49669MEB	MLF22D-8	L1	0611	45	0	168
MIC94069 YML	5A06493MSB	MLF22D-8	L1	0607	45	0	168
MIC94066 YML	5A46430MEA	MLF22D-8	L1	0605	45	0	168

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

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Hrs.
MIC5310 MGYML	5A36210MNL	MLF22D-8	L1	0549	45	0	168
MIC5310SJ BML	5A24891MNI	MLF22D-8	L1	0536	45	0	168
MIC2287 24YML	5A25942MEB	MLF22D-8	L1	0533	45	0	168
MIC44F18 YML	5A23732MNG	MLF22D-8	L1	0531	45	0	168
MIC44F18 YML	5A23732MNJ	MLF22D-8	L1	0528	45	0	168
MIC5209 YML	5A11119MEA	MLF22D-8	L1	0526	45	0	168
MIC2296 YML	4A18915MNK	MLF22D-8	L2	0508	45	0	168
SY56016 RMG	6A48416MND	MLF2020Q-10	L1	0826	44	0	168
MIC69103 YML	7A11226MNC	MLF33D-10	L1	0721	45	0	168
MIC68200 YML	5A34990MNY	MLF33D-10	L1	0603	44	0	168
MIC68200 3.3YML	5A34990MNE	MLF33D-10	L1	0545	45	0	168
MIC2214 JGYML	5A12218MEC	MLF33D-10	L2	0526	45	0	168
MIC2214 PSYML	5A01002MEB	MLF33D-10	L1	0521	45	0	168
MIC2214 PSYML	5A01031MEB	MLF33D-10	L1	0521	45	0	168
MIC22200 YML	7A40287MNE	MLF33D-12	L1	0809	45	0	168
MIC2569 YML	7A23682MNJ	MLF33D-12	L1	0733	45	0	168
MIC2299 15YML	7A04550MNE	MLF33D-12	L1	0724	45	0	168
MIC2298 15YML	7A04549MNC	MLF33D-12	L1	0712	45	0	168
MIC2299 15YML	7A04548MND	MLF33D-12	L1	0711	45	0	168
MIC4723 YML	6A15940MNG	MLF33D-12	L1	0648	42	0	168
MIC2299 15YML	6A25279MND	MLF33D-12	L1	0638	45	0	168
MIC4722 YML	6A10064MNB	MLF33D-12	L1	0620	45	0	168
SY58023UMG	7A31915M15	MLF33Q-16	L2	0751Y	45	0	168
SY88313BLMG	5A26121M20	MLF33Q-16	L2	0722P	45	0	168
SY58023UMG	6A10023M10	MLF33Q-16	L2	0722L	45	0	168
SY89230UMG	6A50668MNC	MLF33Q-16	L2	0720	45	0	168
SY88422LMG	6A10045MND	MLF33Q-16	L2	0716	45	0	168
SY58611UMG	6A42513MNF	MLF33Q-16	L2	0716	45	0	168
SY58021UMG	6A11218M12	MLF33Q-16	L2	0708V	45	0	168
SY58023UMG	6A07615M02	MLF33Q-16	L2	0644X	45	0	168
SY58021UMG	5A17128MEF	MLF33Q-16	L2	0611G	45	0	168
SY58016LMG	4A14534MED1	MLF33Q-16	L2	0548W	45	0	168
SY89833LMG	3B03008MEC	MLF33Q-16	L2	0528	45	0	168
MIC22400 YML	7A20348MNN	MLF34Q-20	L2	0804	45	0	168

BIAS Moisture Life Test (THBT) + 85deg C , 85% rh duration 1000 hrs

Device	Lot No	Pkg	MSL Soak	Date Code	SS	# Reject	Hrs.
MIC5319 2.9YML	7A46521MED	MLF22D-6	L1	0819	45	0	1000
MIC5305 2.8YML	7A04520MEJ	MLF22D-6	L1	0734	45	0	1000
MIC5305 2.8YML	6A13554MEJ	MLF22D-6	L1	0734	45	0	1000
MIC5248 1.2YML	5A25983MEA	MLF22D-6	L1	0633	45	0	1000
MIC5318 2.85YML	5A46500MNE	MLF22D-6	L1	0624	45	0	1000
MIC5318 YML	5A46500MND	MLF22D-6	L1	0624	45	0	1000
MIC5305 2.9YML	4A43475MEB	MLF22D-6	L2	0520	44	0	1000
MIC5305 CBML	4A48007MEM	MLF22D-6	L2	0513	45	0	1000
MIC2605 YML	7A49847MNA	MLF22D-8	L1	0828	45	0	1000
MIC2250 YML	7A43749MNL	MLF22D-8	L1	0810	45	0	1000
MIC5310 MMYML	PB51379.1MEB	MLF22D-8	L1	0723	45	0	1000
MIC3289 24YML	6A17149MND	MLF22D-8	L1	0627	45	0	1000
MIC2214 JGYML	5A11176MED	MLF33D-10	L2	0526	25	0	1000
MIC2214 JGYML	5A12217MEB	MLF33D-10	L2	0526	25	0	1000
MIC2214 JGYML	5A12218MED	MLF33D-10	L2	0526	25	0	1000
MIC2214 PSYML	5A01002MEB	MLF33D-10	L1	0521	45	0	1000
MIC2214 PSYML	5A01031MEB	MLF33D-10	L1	0521	45	0	1000
MIC22200 YML	7A40287MNE	MLF33D-12	L1	0809	45	0	1000
MIC4722 YML	6A10064MNB	MLF33D-12	L1	0620	45	0	1000
SY58023UMG	6A10023M10	MLF33Q-16	L1	0722L	43	0	1000
SY58016LMG	4A14534MED1	MLF33Q-16	L1	0548W	45	0	1000

1/27/2009

