



TSSOP Lead Free Package Rel Data

High Temperature Storage Life +150 deg C, 1000 hours

Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject	Duration	Total Hrs.
--------	--------	-----	----------	-----------	---------	-----------	----	----------	----------	------------

AMKOR P

SY100EP14UK4G	6A28540MEF	TSSOP-20	HTSL.L2	+150C	NiPdAu	0714E	76	0	1000	76000
SY100EP14UK4G	6A28540MED	TSSOP-20	HTSL.L2	+150C	NiPdAu	0708A	76	0	1000	76000
SY100EP14UK4G	4A25866MEC	TSSOP-20	HTSL	+150C	NiPdAu	0546F	76	0	1000	76000
SY100EP14UKG	4A29416M10	TSSOP-20	HTSL	+150C	NiPdAu	0505	75	0	1000	75000

UNISEM

MIC4742 YTSE	8A02104MNJ	TSSOP-16	HTSL.L3	+150C	Sn	0815	76	0	1000	76000
MIC2131 1YTSE	7A31942MNH	TSSOP-16	HTSL.L3	+150C	Sn	0749	45	0	2000	90000
MIC2310 1ZTS	7A10031MNEF	TSSOP-24	HTSL.L1	+150C	NiPdAu	0734	76	0	1000	76000
SY100EP14UK4G	6A49529MEA	TSSOP-20	HTSL.L2	+150C	NiPdAu	0717W	76	0	1000	76000

Pre-conditioning Test 3x Reflow Cycles

Device	Lot No	Pkg	MSL Soak	Peak Temp	Plating	Date Code	SS	# Reject
--------	--------	-----	----------	-----------	---------	-----------	----	----------

AMKOR P

SY100EP14UK4G	6A28540MEF	TSSOP-20	PREC.L2	+260C	NiPdAu	0714E	211	0
SY100EP14UK4G	6A28540MED	TSSOP-20	PREC.L2	+260C	NiPdAu	0708A	211	0
SY100EP14UK4G	4A25866MEC	TSSOP-20	PREC.L1	+260C	NiPdAu	0546F	90	0
SY100EP14UKG	4A29416M10	TSSOP-20	PREC.L1	+260C	NiPdAu	0505	100	0

UNISEM

MIC4742 YTSE	8A02104MNJ	TSSOP-16	PREC.L3	+260C	Sn	0815	221	0
MIC2131 1YTSE	7A31942MNH	TSSOP-16	PREC.L3	+260C	Sn	0749	192	0
MIC2310 1ZTS	7A10031MNEF	TSSOP-24	PREC.L1	+260C	NiPdAu	0734	176	0
SY100EP14UK4G	6A49529MEA	TSSOP-20	PREC.L2	+260C	NiPdAu	0717W	166	0

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

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

AMKOR P

SY100EP14UK4G	6A28540MEF	TSSOP-20	NiPdAu	0714E	45	0	7560
SY100EP14UK4G	6A28540MED	TSSOP-20	NiPdAu	0708A	45	0	7560
SY100EP14UK4G	4A25866MEC	TSSOP-20	NiPdAu	0546F	44	0	7392
SY100EP14UK4G	4A29416M10	TSSOP-20	NiPdAu	0505	43	0	7224

UNISEM

MIC4742 YTSE	8A02104MNJ	TSSOP-16	Sn	0815	45	0	7560
MIC2131 1YTSE	7A31942MNH	TSSOP-16	Sn	0749	45	0	7560
MIC2310 1ZTS	7A10031MNEF	TSSOP-24	NiPdAu	0734	45	0	7560
SY100EP14UK4G	6A49529MEA	TSSOP-20	NiPdAu	0717W	45	0	7560

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

Device	Lot No	Pkg	Plating	Date Code	SS	# Reject	Cycles
--------	--------	-----	---------	-----------	----	----------	--------

AMKOR P

SY100EP14UK4G	6A28540MEF	TSSOP-20	NiPdAu	0717E	45	0	45000
SY100EP14UK4G	6A28540MED	TSSOP-20	NiPdAu	0708A	45	0	45000
SY100EP56VK4G	5A20441	TSSOP-20	NiPdAu	0614	43	0	43000
SY100EP14UK4G	4A25866MEC	TSSOP-20	NiPdAu	0546F	45	0	45000
SY100EP14UKG	4A29416M10	TSSOP-20	NiPdAu	0505	45	0	45000

UNISEM

MIC4742 YTSE	8A02104MNJ	TSSOP-16	Sn	0815	45	0	45000
MIC2131 1YTSE	7A31942MNH	TSSOP-16	Sn	0749	45	0	45000
MIC2310 1ZTS	7A10031MNEF	TSSOP-24	Sn	0734	45	0	45000
SY100EP14UK4G	6A49529MEA	TSSOP-20	NiPdAu	0717W	45	0	45000