

PCN 12_0255 Qualification Test Results

*Preconditioned Per JEDEC/IPC J-STD-020 MSL3

TEST	CONDITIONS	SAMPLE SIZE (Lot/Qty)	EXPECTED COMPLETION
High Temperature Operating Life (HTOL)*^	JESD22-A108, 125C<Tj<135C, Biased	3 x 77	Passed
Highly Accelerated Stress Test* ^{&}	JEDEC JESD22-A110	3 x 77	Passed
High Temperature Storage (HTS) ^{&}	JEDEC JESD22-A103	1 x 45	Passed
Autoclave*	JEDEC JESD22-A102	3 x 77	Passed
Temp Cycle* ^{&}	JESD22-A104	3 x 77	Passed
SHR*	ADI-0049	3 x 11	Passed
High Temperature Data Retention (HTDR)* ^{&}	AEC Q100-005	3 x 77	Passed
Endurance Cycling* ^{&}	AEC Q100-005	3 x 77	Passed
ESD (FICDM) ^{& all pins}	JESD22-C101	1 x 15	Passed
ESD (FICDM) ^{& corner pins}	JESD22-C101	1 x 3	Passed
ESD (HBM) ^{&}	ANSI/ESD STM5.1-2007	1 x 24	Passed
Latch up ^{&}	JESD78	1 x 6	Passed

^Tri temp electrically tested at 25C, 115C and -40C

[&]Dual Temp electrically tested at 25C and 115C