

Reliability Report

Part Number: IGBT Module Series

Test Results : PASS

Test Item	Conditions	Duration	Quantity	Rejects
TEST Pre- and Post-Stress Electrical Test	T _a = 25 °C	N/A	all parts	see below
HTRB High Temperature Reverse Bias	IEC 60747 T _j =T _j max,80%VR	1000 hours	5Pcs	0
TC Temperature Cycling	IEC 60068-2-14 Test Na 150°C (+15, -0) /30min, -55°C (+0, -10) /30min	100 cycles	5Pcs	0
H3TRB	JESD22-A101 85±2°C, 85±5%RH,80%VDS(Max=100V)	1000 hours	5Pcs	0
PC Power Cycle	IEC 60749-34 Δ T _J =100°C+15/-10°C	1000Cycles	5Pcs	0
LTSL Low Temperature Storage Life	IEC60068-2-1 T _{stg} min	1000 hours	5Pcs	0
HTSL High Temperature Storage Life	IEC 60068-2-2 T _{stg} max	1000 hours	5Pcs	0