

# RFSW6024

## Absorptive High Isolation SPDT Switch

Package Type: QFN  
Process Technology: SOI CMOS  
Qualification Number: 14-QUAL-2410, 20-QUAL-5476, 21-QUAL-6559, 18-QUAL-4483  
Date Issued: 06/15/2023  
Document Number: RFSW6024-PQ030 rev B

TEST NAME	TEST STANDARD AND CONDITIONS	# SAMPLES x # LOTS	TEST RESULTS
High Temperature Operating Lifetime (HTOL)	JESD22-A108 125°C, 1000 hours	25x1 lot	Pass
Steady State Temperature Humidity Bias Life Test	JESD22-A101 85°C / 85% RH, 1000 hours	25x1 lot	Pass
ESD Human Body Model (ESD HBM)	JS-001-2010	3x1 lot	Class 2
ESD Charge Device Model (ESD CDM)	JESD22-C101	3x1 lot	Class C3
Moisture Sensitivity Level (MSL)	J-STD-020 3x Cumulative Reflow at 260°C	25x3 lots	MSL1
Temperature Cycling (TC)	JESD22-A104 Condition B: -55° to +125°C Soak Mode 1, 950 Cycles Preconditioning per JESD22-A113 MSL1	25x3 lots	Pass
High Temperature Storage Life (HTS)	JESD22-A103 150°C, 1000 hours	77x3 lots	Pass
Accelerated Moisture Resistance – Unbiased HAST	JESD22-A118 110°C / 85% RH / 122 kPa, 264 hours Preconditioning per JESD22-A113 MSL1	25x3 lots	Pass
Solderability	JESD22-B102 Condition E: 16 Hour Dry Bake Pb-Free Process, Method 1: Dip and Look	22x3 lots	Pass
Die Shear	MIL-STD-883, Method 2019	10x3 lots	Pass
Wire Bond Shear	JESD22-B116	10x3 lots	Pass
Wire Bond Pull	MIL-STD-883, Method 2011	10x3 lots	Pass
Low Temperature Storage Life (LTS)	JESD22-A119 -55°C, 1000 hours	77x3 lots	Pass
Conclusion	This part meets Qorvo's product qualification requirements.		