

# RFSW6222

## Product Qualification Report SW6222-PQ030, Revision A

**Product Description:** Dual SPDT Switch

**Package Type:** 2.0mm x 2.0mm QFN

**Process Technology:** SOI CMOS

**Qualification Number:** 11-QUAL-1583

**Date issued:** 09/25/2014

FOR IMPORTANT INFORMATION  
REGARDING THESE MATERIALS  
INCLUDING DISCLAIMERS  
REGARDING USE IN CERTAIN  
APPLICATIONS, SEE STANDARD  
DISCLAIMER FOR PRODUCT  
DOCUMENTS

Test Name	Test Standard and Conditions	# Samples x # Lots	Test Results
High Temperature Operating Life	JESD22-A108 125°C, 1000 hours	77x3 lots	Pass
Steady State Temperature Humidity Bias Life Test	JESD22-A101 85°C / 85% RH, 1000 hours	77x3 lots	Pass
ESD Human Body Model	JS-001-2010	3x1 lot	Class 2
ESD Charged Device Model	JESD22-C101	3x1 lot	Class III
Moisture Sensitivity Level	J-STD-020 3x Cumulative Reflow at 260°C MSL1	77x3 lots	Pass
Temperature Cycling	JESD22-A104 Condition B: -55° to +125°C Soak Mode 1, 1000 Cycles Preconditioning per JESD22-A113 MSL1	77x3 lots	Pass
Temperature Cycling (On Board)	JESD22-A104 Condition G: -40° to +125°C Soak Mode 2, 1000 Cycles Preconditioning per JESD22-A113 MSL1	77x3 lots	Pass
High Temperature Storage	JESD22-A103 150°C, 1000 hours 3x Reflow Preconditioning per J-STD-020	77x3 lots	Pass
Accelerated Moisture Resistance – Unbiased HAST	JESD22-A118 130°C / 85% RH / 230 kPa, 96 hours Preconditioning per JESD22-A113 MSL3	77x3 lots	Pass
Solderability	JESD22-B102 Condition C: 8 Hour Steam Age Pb-Free Process, Method 1: Dip and Look	77x3 lots	Pass
<b>Conclusion</b>	<b>This part meets RFMD's product qualification requirements</b>		

Sample size and lot quantities reported are the minimum required for this qualification.