

Product Description	6GHz RF SYNTHESIZER/VCO WITH INTEGRATED RF MIXERS, in 5mm x 5mm QFN package		
Qualification #	09-QUAL-1295	Date Issued	08/30/2010

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 Lifetime	JESD22-A108 125°C, 1000 hours	22 x 1 lot	Pass	
Temperature Humidity with Bias	JESD22-A101 85%RH / 85°C, 1000 hours	22 x 1 lot	Pass	
ESD Human Body Model	JESD22-A114	3 x 1 lot	All pins pass 1500V DC pins pass 2000V	Class 1C
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 500V Fail 1000V	Class III
Latch up	JESD22A78	6 x 1 lot	Pass	
Moisture Sensitivity Level 2	IPC/JEDEC J-STD-020	22 x 1 lot	Pass	
Temperature Cycling	JESD22-A104, 1000 cycles Condition B (-55°C/+125°C) (use MSL2 preconditioned parts)	22 x 1 lot	Pass	
Solderability	JESD22-B102, 8 hr steam aging	22 x 3 lots	Pass	
High Temperature Storage	JESD22-A103, 1000 hours Condition B (150°C)	22 x 3 lots	Pass	
Characterization	Data Sheet	5 x 1 lot	Pass	
Conclusion	This part meets RFMD's product qualification requirements.			

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

For additional information please contact your RFMD Customer Quality Engineer