

pProduct Description	430 to 930MHz, Programmable Gain Power Amplifier in QFN 3x3 package		
Qualification #	09-QUAL-1297	Date Issued	03/11/2010

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	80 x 1 lot	Pass	
Highly Accelerated Stress Test (HAST)	Tamb=110°C, 85%RH Biased, 264 hours JESD22-A110B	12 x 1 lot	Pass	
ESD Human Body Model	JESD22-A114	3 x 1 lot	Pass 100V Fail 250V	Class 0
ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 650V	Class III
Moisture Sensitivity Level 1	IPC/JEDEC J-STD-020 (Reflow @260°C, 3x reflow)	22 x 1 lot	Pass	
Temperature Cycling	JESD22-A104, 1000 cycles Condition B (-55°C/+125°C) (use MSL1 preconditioned parts)	22 x 1 lot	Pass	
Moisture Sensitivity Level 2	IPC/JEDEC J-STD-020 (Reflow @260°C, 3x reflow)	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	15 x 1 lot	Pass	
High Temperature Storage	JESD22-A103, 1000 hours Condition B (150°C)	20 x 1 lot	Pass	
Characterization	Data Sheet	5 x 3 lots	Pass	
Conclusion	This product has passed the RFMD qualification requirements for production.			

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

For additional information please contact your RFMD Customer Quality Engineer