

Qualification #	07-QUAL-782	PQE	Yan Gao
Date Issued	11/14/08	BOM# and Rev	5355240 Rev. 7

QUALIFICATION REPORT

Test Name		Test Standard and Conditions	Samples Per Lot	Test Results		
D E V I C E	High Temperature Operating Life	JESD22-A108 125°C, DC/RF bias, 1000 hours	22 x 1 lot	Pass		
	Temperature Humidity with Bias	JESD22-A101 85%RH / 85°C, 500 hours	22 x 1 lot	Pass		
	ESD Human Body Model	JESD22-A114	3 x 1 lot	Pass 250V/Fail 500V	ESD Class 1A	
	ESD Machine Model	JESD22-A115	3 x 1 lot	Pass 50V / Fail 75V	ESD Class A	
	ESD Charge Device Model	JESD22-C101	3 x 1 lot	Pass 600V		
P A C K A G E	Solderability	JESD22-B102, 8 hr steam aging	22 x 3 lots	Pass		
	Moisture Sensitivity Level	IPC/JEDEC J-STD-020	22 x 3 lots	PASS	MSL 2, 3 x reflow	260°C
	Temperature Cycling	JESD22-A104 Condition B -55 /+125°C, soak mode 1, 500 cycles	22 x 3 lots loose piece	Pass		
	Pressure Pot	JESD22-A102 121°C, 100%RH, 2 ATM, 96 hours	22 x 3 lots	Pass		
	Temperature Humidity	85%RH / 85°C, no bias, 500 hours	22 x 3 lots	Pass		
Characterization	5355680	5 x 3 lots	Complete			
Conclusion	The product qualification is complete.					