

Epoxy Change at ASE Chungli Branch for PM5E and ACGZN Package

**Qualification Results Summary for the PM5E/ACGZN  
New Lid Epoxy at ASE, Taiwan (AET)**

QUALIFICATION RESULTS			
TEST	SPECIFICATION	SAMPLE SIZE	STATUS
Solder Heat Resistance (SHR) *	JEDEC <i>JESD22-A113</i>	<b>3x100</b>	<b>Pass</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	<b>3x77</b>	<b>Pass</b>
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	<b>3x77</b>	<b>Pass</b>
Mechanical Shock (M/S)	JEDEC <i>JESD-B104</i> <i>Method 2002, 1500g 0.5ms</i>	<b>3x50</b>	<b>Pass</b>

\*These samples were subjected to preconditioning (per J-STD-020 Level 3) prior to the start of the stress test. Level 3 preconditioning consists of the following: Bake: 24 hrs @ 125°C, Unbiased Soak: 192 hrs @ 30°C, 60%RH, Reflow: 3 passes through an oven with a peak temperature of 260°C.