

**Assembly Relocation to STATS ChipPAC Jiangyin and
Test Transfer to STATS ChipPAC Singapore of Select LFCSP Products**

**Qualification Results Summary for
LFCSP at STATS ChipPAC China Jiangyin**

TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
Unbiased Highly Accelerated Stress Test (uHAST)*	JEDEC <i>JESD22-A118</i>	3 x 77	PASS
Electrostatic Discharge <i>Field Induced Charge Device Model</i>	JEDEC <i>JESD22-C101</i>	3/voltage	PASS ±750V

* Preconditioned per JEDEC/IPC J-STD0020

**Assembly Relocation to STATS ChipPAC Jiangyin and
Test Transfer to STATS ChipPAC Singapore of Select LFCSP Products**

Automotive Qualification Results Summary for LFCSP_SS at STATS ChipPAC China Jiangyin

TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	3 x 77	PASS
Unbiased Highly Accelerated Stress Test (uHAST)*	JEDEC <i>JESD22-A118</i>	3 x 77	PASS
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	1 x 77	PASS
Electrostatic Discharge <i>Field Induced Charge Device Model – All Pins</i>	JEDEC <i>JESD22-C101</i>	3/voltage	PASS ±500V
Electrostatic Discharge <i>Field Induced Charge Device Model – Corner Pins</i>	JEDEC <i>JESD22-C101</i>	3/voltage	PASS ±750V

* 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: 1. Bake – 24 hours at 125°C; 2. Soak – unbiased soak for 192 hours at 30°C, 60%RH; 3. Reflow – three passes through a reflow oven with a peak temperature of 260°C. TC samples were subjected to wire-pull test after 500 cycles where results were within specification limits.

**Assembly Relocation of Select LFCSP, Mini-LFCSP, LFCSP Side Solderable
Products to STATS ChipPAC China Jiangyin**

**Qualification Results Summary for
Mini-LFCSP at STATS ChipPAC China Jiangyin**

TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
Unbiased Highly Accelerated Stress Test (uHAST)*	JEDEC <i>JESD22-A118</i>	3 x 77	PASS
Electrostatic Discharge <i>Field Induced Charge Device Model</i>	JEDEC <i>JESD22-C101</i>	3/voltage	PASS ±1250V

* Preconditioned per JEDEC/IPC J-STD0020.

FG Part Number	Test Correlation Results
AD45203Z-RL	Pass
AD5110BCPZ10-1-RL7	Pass
AD5110BCPZ10-500R7	Pass
AD5110BCPZ10-RL7	Pass
AD5110BCPZ80-1-RL7	Pass
AD5110BCPZ80-500R7	Pass
AD5110BCPZ80-RL7	Pass
AD5111BCPZ10-500R7	Pass
AD5111BCPZ10-RL7	Pass
AD5111BCPZ80-500R7	Pass
AD5111BCPZ80-RL7	Pass
AD5112BCPZ10-1-RL7	Pass
AD5112BCPZ10-500R7	Pass
AD5112BCPZ10-RL7	Pass
AD5112BCPZ5-1-RL7	Pass
AD5112BCPZ5-500R7	Pass
AD5112BCPZ5-RL7	Pass
AD5112BCPZ80-1-RL7	Pass
AD5112BCPZ80-500R7	Pass
AD5112BCPZ80-RL7	Pass
AD5113BCPZ10-500R7	Pass
AD5113BCPZ10-RL7	Pass
AD5113BCPZ5-500R7	Pass
AD5113BCPZ5-RL7	Pass
AD5113BCPZ80-500R7	Pass
AD5113BCPZ80-RL7	Pass
AD5114BCPZ10-1-RL7	Pass
AD5114BCPZ10-500R7	Pass
AD5114BCPZ10-RL7	Pass
AD5114BCPZ80-1-RL7	Pass
AD5114BCPZ80-500R7	Pass
AD5114BCPZ80-RL7	Pass
AD5115BCPZ10-500R7	Pass
AD5115BCPZ10-RL7	Pass
AD5115BCPZ80-500R7	Pass
AD5115BCPZ80-RL7	Pass
AD5116BCPZ10-500R7	Pass
AD5116BCPZ10-RL7	Pass
AD5116BCPZ5-500R7	Pass
AD5116BCPZ5-RL7	Pass
AD5116BCPZ80-500R7	Pass
AD5116BCPZ80-RL7	Pass
AD5601BCPZ-RL7	Pass
AD5602BCPZ-2-RL7	Pass
AD5611ACPZ-RL7	Pass
AD5612ACPZ-2-RL7	Pass
AD5621ACPZ-RL7	Pass
AD5622ACPZ-2-RL7	Pass
AD5625RACPZ-REEL7	Pass

AD5641ACPZ-REEL7	Pass
AD5681RBCPZ-1RL7	Pass
AD5681RBCPZ-RL7	Pass
AD5682RBCPZ-RL7	Pass
AD5683BCPZ-RL7	Pass
AD5683RACPZ-1RL7	Pass
AD5683RACPZ-2RL7	Pass
AD5683RACPZ-RL7	Pass
AD5683RBCPZ-1RL7	Pass
AD5683RBCPZ-RL7	Pass
AD5691RACPZ-1RL7	Pass
AD5691RBCPZ-RL7	Pass
AD5692RACPZ-RL7	Pass
AD5693BCPZ-RL7	Pass
AD5693RACPZ-1RL7	Pass
AD5693RACPZ-RL7	Pass
AD5693RBCPZ-2RL7	Pass
AD57/005Z-0RL	Pass
AD7091BCPZ-RL	Pass
AD7091BCPZ-RL7	Pass
AD71169BCPZ	Pass
AD71169BCPZRL	Pass
AD7179-4BCPZ	Pass
AD7179-4BCPZ-RL	Pass
AD7179-4BCPZ-RL7	Pass
AD7685ACPZRL7	Pass
AD7685BCPZRL7	Pass
AD7685CCPZRL	Pass
AD7685CCPZRL7	Pass
AD7686BCPZRL7	Pass
AD7686CCPZRL7	Pass
AD7687BCPZRL7	Pass
AD7688BCPZRL7	Pass
AD7942BCPZRL7	Pass
AD7946BCPZRL7	Pass
AD80281KCPZRL7	Pass
AD9837ACPZ-RL	Pass
AD9837ACPZ-RL7	Pass
AD9837BCPZ-RL	Pass
AD9837BCPZ-RL7	Pass
AD9838ACPZ-RL	Pass
AD9838ACPZ-RL7	Pass
AD9838BCPZ-RL	Pass
AD9838BCPZ-RL7	Pass
AD9943KCPZ	Pass
AD9943KCPZRL	Pass
AD9944KCPZ	Pass
AD9944KCPZRL	Pass
AD9945KCPZ	Pass
AD9945KCPZRL7	Pass

ADA4096-2ACPZ-R7	Pass
ADA4096-2ACPZ-RL	Pass
ADA4800ACPZ-R7	Pass
ADA4800ACPZ-RL	Pass
ADAU1372BCPZ	Pass
ADAU1372BCPZRL	Pass
ADCLK944BCPZ-R7	Pass
ADDI7018BCPZ	Pass
ADDI7018BCPZRL	Pass
ADF4001BCPZ	Pass
ADF4001BCPZ-RL7	Pass
ADF4107BCPZ	Pass
ADF4107BCPZ-REEL	Pass
ADF4107BCPZ-REEL7	Pass
ADF4113BCPZ	Pass
ADF4113BCPZ-RL7	Pass
ADF4153ABCPZ	Pass
ADF4153ABCPZ-RL7	Pass
ADF4153BCPZ	Pass
ADF4153BCPZ-RL	Pass
ADF4153BCPZ-RL7	Pass
ADF4193BCPZ	Pass
ADF4193BCPZ-RL	Pass
ADF4193BCPZ-RL7	Pass
ADF7020BCPZ	Pass
ADF7020BCPZ-RL	Pass
ADF7022BCPZ	Pass
ADF7022BCPZ-REEL	Pass
ADF7023BCPZ	Pass
ADF7023BCPZ-RL	Pass
ADF7024BCPZ	Pass
ADF7024BCPZ-RL	Pass
ADM1075-1ACPZ	Pass
ADM7160ACPZN1.8-R2	Pass
ADM7160ACPZN1.8-R7	Pass
ADM7160ACPZN2.5-R2	Pass
ADM7160ACPZN2.5-R7	Pass
ADM7160ACPZN3.3-R2	Pass
ADM7160ACPZN3.3-R7	Pass
ADP122ACPZ-1.8-R7	Pass
ADP122ACPZ-2.0-R7	Pass
ADP122ACPZ-2.5-R7	Pass
ADP122ACPZ-2.6-R7	Pass
ADP122ACPZ-2.8-R7	Pass
ADP122ACPZ-3.0-R7	Pass
ADP122ACPZ-3.3-R7	Pass
ADP123ACPZ-R7	Pass
ADP124ACPZ-1.8-R7	Pass
ADP124ACPZ-2.8-R7	Pass
ADP124ACPZ-2.9-R7	Pass

ADP124ACPZ-3.0-R7	Pass
ADP124ACPZ-3.3-R7	Pass
ADP125ACPZ-R7	Pass
ADP151ACPZ-1.2-R7	Pass
ADP151ACPZ-1.5-R7	Pass
ADP151ACPZ-1.8-R7	Pass
ADP151ACPZ-2.5-R7	Pass
ADP151ACPZ-2.7-R7	Pass
ADP151ACPZ-2.8-R7	Pass
ADP151ACPZ-3.0-R7	Pass
ADP151ACPZ-3.3-R7	Pass
ADP1606ACPZN1.8-R7	Pass
ADP1607ACPZN-R7	Pass
ADP1607ACPZN001-R7	Pass
ADP165ACPZN-1.2-R7	Pass
ADP165ACPZN-1.8-R7	Pass
ADP165ACPZN-2.3-R7	Pass
ADP165ACPZN-3.0-R7	Pass
ADP165ACPZN-3.3-R7	Pass
ADP165ACPZN-R7	Pass
ADP166ACPZN-1.2-R7	Pass
ADP166ACPZN-1.8-R7	Pass
ADP166ACPZN-2.3-R7	Pass
ADP166ACPZN-3.0-R7	Pass
ADP166ACPZN-3.3-R7	Pass
ADP166ACPZN-R7	Pass
ADP1877ACPZ-R7	Pass
ADP1878ACPZ-0.3-R7	Pass
ADP1878ACPZ-0.6-R7	Pass
ADP1878ACPZ-1.0-R7	Pass
ADP1879ACPZ-0.3-R7	Pass
ADP1879ACPZ-0.6-R7	Pass
ADP1879ACPZ-1.0-R7	Pass
ADP195ACPZ-R7	Pass
ADP196ACPZN-01-R7	Pass
ADP196ACPZN-21-R7	Pass
ADP196ACPZN-22-R7	Pass
ADP196ACPZN-31-R7	Pass
ADP196ACPZN-32-R7	Pass
ADP196ACPZN-R7	Pass
ADP197ACPZN-01-R7	Pass
ADP197ACPZN-02-R7	Pass
ADP198ACPZ-R7	Pass
ADP222ACPZ-1218-R7	Pass
ADP222ACPZ-1228-R7	Pass
ADP222ACPZ-1233-R7	Pass
ADP222ACPZ-1528-R7	Pass
ADP222ACPZ-1533-R7	Pass
ADP222ACPZ-1815-R7	Pass
ADP222ACPZ-1825-R7	Pass

ADP222ACPZ-1827-R7	Pass
ADP222ACPZ-1833-R7	Pass
ADP222ACPZ-2725-R7	Pass
ADP222ACPZ-2818-R7	Pass
ADP222ACPZ-2827-R7	Pass
ADP222ACPZ-3325-R7	Pass
ADP222ACPZ-3328-R7	Pass
ADP222ACPZ-3330-R7	Pass
ADP223ACPZ-R7	Pass
ADP224ACPZ-2818-R7	Pass
ADP225ACPZ-R7	Pass
ADP2384ACPZN-R7	Pass
ADP2386ACPZN-R7	Pass
ADP2387ACPZN-R7	Pass
ADP7118ACPZN-R7	Pass
ADP7118ACPZN1.8-R7	Pass
ADP7118ACPZN2.5-R7	Pass
ADP7118ACPZN3.3-R7	Pass
ADP7118ACPZN5.0-R7	Pass
ADP7142ACPZN-R7	Pass
ADP7142ACPZN1.8-R7	Pass
ADP7142ACPZN2.5-R7	Pass
ADP7142ACPZN3.3-R7	Pass
ADP7142ACPZN5.0-R7	Pass
ADP7182ACPZN-1.2R7	Pass
ADP7182ACPZN-1.5R7	Pass
ADP7182ACPZN-2.5R7	Pass
ADP7182ACPZN-5.0R7	Pass
ADP7182ACPZN-R7	Pass
ADPD103BCPZ	Pass
ADPD103BCPZRL	Pass
ADPD2210ACPZ-R7	Pass
ADPD2210ACPZ-RL	Pass
ADUC7020BCPZ62I	Pass
ADUC7020BCPZ62I-RL	Pass
ADUC7020BCPZ62IRL7	Pass
ADW10017Z-ORL	Pass
ADW10017Z-ORL7	Pass
ADG5204BCPZ-RL7	Pass
ADG5206BCPZ-RL7	Pass
ADG5207BCPZ-RL7	Pass
ADG5208BCPZ-RL7	Pass
ADG5209BCPZ-RL7	Pass
ADG5212BCPZ-RL7	Pass
ADG5213BCPZ-RL7	Pass
ADG5233BCPZ-RL7	Pass
ADG5234BCPZ-RL7	Pass
ADG5236BCPZ-RL7	Pass
ADG5404BCPZ-REEL7	Pass
ADG5408BCPZ-REEL7	Pass

ADG5409BCPZ-REEL7	Pass
ADG5413BCPZ-REEL7	Pass
ADG5433BCPZ-REEL7	Pass
ADG5436BCPZ-REEL7	Pass