



PCN #: JAON-28LMTI435

**Date:
April 8, 2016**

**Qualification of an additional fabrication site for AT9933
Supertex device family.**

QUALIFICATION DATA

Early Life Failure Rate

Test Method	JESD22-A108
Test Condition	125°C / 48 hours
Sample Size (800 ea. min)	(Fail/Pass)
Lot 1	0/ 814
Lot 2	0/ 832
Lot 3	0/ 830

Pre & post testing was conducted at cold (~-40°C), room (~25°C) and hot (~125°C).

High Temperature Operating Life

Test Method	JESD22-A108
Test Condition	125°C / 1000 hours
Sample Size (77 ea. min)	(Fail/Pass)
Lot 1	0/82
Lot 2	0/80
Lot 3	0/92

Pre & post testing was conducted at cold (~-40°C), room (~25°C) and hot (~125°C).

ESD

Test	Reference Method	Sample Size	Result
ESD - HBM	JESD22-A114	Lot 1 = 12ea	Up to ±2kV @ 25°C
ESD - MM	JESD22-A114	Lot 1 = 12ea	Up to ±200V @ 25°C
CDM	JESD22-A114	Lot 1 = 18ea	Up to ±1.5kV @ 25°C
Latch-up	JESD78	Lot 1 = 12ea	Pass @ 25°C

Pre & post testing was conducted at room temperature (~25°C) and at hot (~125°C).

JAON-28LMTI435 - CCB 1409.38 Final Notice - Additional Fabrication Site: Qualification of an additional fabrication site for AT9933 Supertex device family.

Affected Catalog Part Numbers (CPN)

PCN_JAON-28LMTI435
CATALOG_PART_NBR
AT9933LG-G