

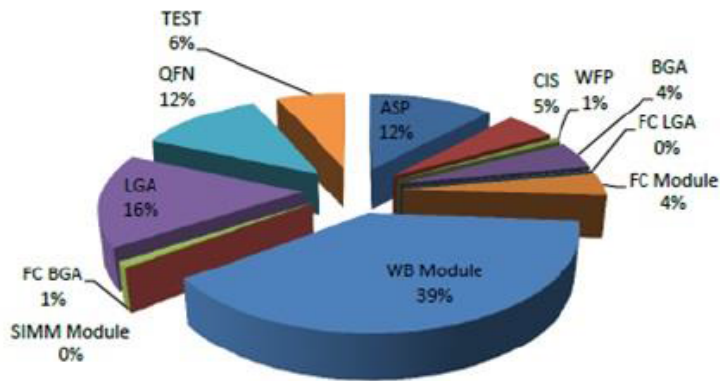
ASE Korea Capacity Summary

ASE Korea
76, Saneopdanji-gil, Paju-si,
Gyeonggi-do, Korea
Tel: 82-31-9400-114, 82-31-9400-539
Head counts: 2,791

Package Portfolio - Breakdown

- Analog Power for Automotive
- RF for digital/consumer
- MEMS for safety
- Array Packages

Production Mix by Package



Confidential Statement
This change notice is for Analog Devices, Inc.'s customers only.
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**RELIABILITY DATA
LTM4644 at ASE Korea**

8/15/2019

• J-STD-020 MSL 3 PRECONDITIONING: 192h +30°C/60%R.H. SOAK, 3x REFLOW AT +245°C PEAK

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE		NUMBER OF FAILURES
LTM4644	400 400	1843	1843		0 0

• HIGH TEMPERATURE STORAGE +150°C

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT	NUMBER OF FAILURES
LTM4644	50 50	1843	1843	75.00 75.00	0 0

• TEMP CYCLE FROM -55°C to +125°C ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	100.00 100.00	0 0

• THERMAL SHOCK FROM -55°C to +125°C ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	100.00 100.00	0 0

• UNBIASED HIGHLY ACCELERATED STRESS TEST +130°C/85% R.H. ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT +130°C	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	19.20 19.20	0 0

(1) Environmental stress are preceded by J-STD-020 Level 3 Preconditioning