ASE Korea Capacity Summary

ASE Korea
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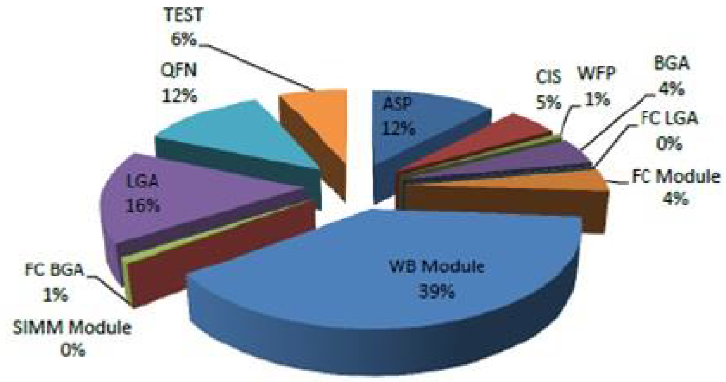
Head counts: 2,791

Package Portfolio - Breakdown

ASE GROUP

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

Production Mix by Package



RELIABILITY DATA
LTM4630 ASE Korea

5/1/2019

• 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
LTM4630	600	1905	1905		0
	600				0

• EXTENDED PRECONDITIONING: 216h +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
LTM4630	100	1905	1905		0
	100				0

• HIGH TEMPERATURE STORAGE +150°C

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT	NUMBER OF FAILURES
LTM4630	100	1905	1905	50.00	0
	100			50.00	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
LTM4630	184	1905	1905	92.00	0
	184			92.00	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
LTM4630	184	1905	1905	92.00	0
	184			92.00	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
LTM4630	199	1905	1905	19.10	0
	199			19.10	0

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