



7/19/2012

RELIABILITY MONITOR REPORT  
FOR

**Metal Can Package**

**MAXIM Integrated Products**

120 San Gabriel Dr.  
Sunnyvale, CA 94086

This Report was prepared by  
Maxim Reliability Engineering

**Summary:**

The data in the tables that follow was generated as the result of an on-going Package Reliability Monitor. The specific assemblies included in this package monitor are:

ASSY SITE	PINS PACKAGE
Cirtek	8 Metal Can (Pb-Free)

The calculated failure rate for this assembly is:

**FAILURE RATE: MTTF (YRS): 38756 FITS: 2.9**

The parameters used to calculate this failure rate are as follows:

**Cf: 60% Ea: 0.7 Tu: 25 °C**

The reliability data follows. A the start of this data is a description of the assembly vehicle used to generate this reliability data. The next section is the detailed reliability data for each stress. The reliability data section includes the latest data available. This report covers data between 7/1/2011 and 6/30/2012 .

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**Assembly Information:**

Package Type: Metal Can (Pb-Free)

Date Code Range: 1152 to 1152

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1152	ICL7660CTV	135C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1152	ICL7660CTV	135C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1152	ICL7660CTV	135C	1000 HRS	80	0	
				<b>Total:</b>		<b>0</b>	

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