

7/10/2017



**RELIABILITY MONITOR REPORT  
FOR**

**MFN M6HV**

**MAXIM INTEGRATED**

**160 RIO ROBLES  
SAN JOSE, CA 95134**

**This Report was prepared by  
MAXIM INTEGRATED Reliability Engineering**

**Summary:**

The data in the tables that follow was generated as the result of an on-going Process Reliability Monitor. The specific products in this process monitor are:

DG201ACSE+

The calculated failure rate for devices using this process is:

**FAILURE RATE: MTTF (YRS): 15503      QUANTITY: 80      FAILS: 0      FITS: 7.4**

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

**Cf: 60%      Ea: 0.7      Tu: 25 °C**

The reliability data follows and in this section is the detailed reliability data by stress. The reliability data section includes the latest data available. This report covers data between 4/1/2017 and 6/30/2017 .

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**Process Information:**

Process Description:      MFN M6HV

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1636	DG201ACSE+	135°C	1000 HRS	80	0	NRCAEA323AX
<b>Total:</b>						<b>0</b>	

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**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
STORAGE LIFE	1636	DG201ACSE+	150°C	1000 HRS	80	0	NRCAEA323AX
<b>Total:</b>						<b>0</b>	

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**TEMPERATURE CYCLE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
TEMP CYCLE, 5' RAMP, 10' DWELL	1636	DG201ACSE+	-65C TO +150C (Condition C)	1000 CYS	80	0	NRCAEA323AX
<b>Total:</b>						<b>0</b>	

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**TEMPERATURE HUMIDITY BIAS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
BIASED MOISTURE	1636	DG201ACSE+	130C, 85%	96 HRS	80	0	NRCAEA323AX
BIASED MOISTURE	1707	DG201ACSE+	130C, 85%	96 HRS	80	0	NRCAEA323AX
<b>Total:</b>						<b>0</b>	

**FAILURE RATE: MTTF (YRS): 15503      QUANTITY: 80      FAILS: 0      FITS: 7.4**