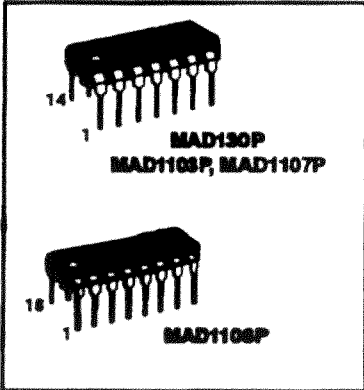


# Monolithic Diode Arrays

**MAD130P**  
**MAD1103P**  
**MAD1107P**  
**MAD1108P**

Rating	Symbol	Value	Unit
Peak Reverse Voltage <sup>(1)</sup>	V <sub>RM</sub>	80	V <sub>dc</sub>
Steady-State Reverse Voltage	V <sub>R</sub>	80	V <sub>dc</sub>
Peak Forward Current at (or below) 25°C Free-Air Temperature <sup>(1)</sup>	I <sub>FM</sub>	500	mA <sub>dc</sub>
Continuous Forward Current at (or below) 25°C Free-Air Temperature <sup>(2)</sup>	I <sub>F</sub>	400	mA <sub>dc</sub>
Continuous Power Dissipation at (or below) 25°C Free-Air Temperature <sup>(3)</sup>	P <sub>D</sub>	600	mW
Operating Free-Air Temperature Range	T <sub>A</sub>	-65 to +125	°C
Storage Temperature Range	T <sub>stg</sub>	-65 to +150	°C
Lead Temperature 1/16" from Case for 10 Seconds		260	°C



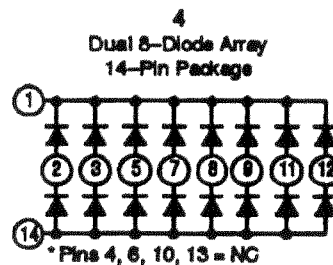
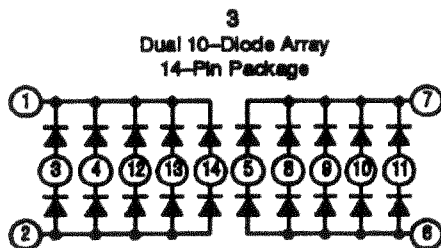
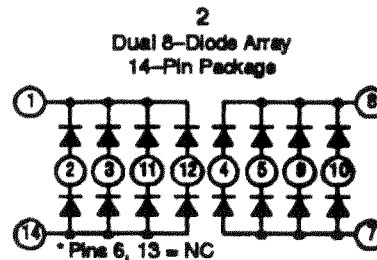
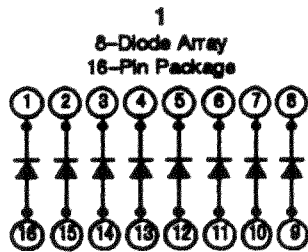
**NOTES:**

1. These values apply for PW ≤ 100 μs, duty cycle ≤ 20%.
2. Derate linearly to +125°C temperature at rate of 3.2 mA/°C.
3. Derate linearly to +125°C temperature at rate of 6.0 mW/°C.

**PACKAGE OPTIONS**

Device	PLASTIC P Suffix		Device	PLASTIC P Suffix	
	Pin Connection Ref. No.	Case		Pin Connection Ref. No.	Case
MAD130P Dual 10-Diode Array	3	646-06	MAD1107P Dual 8-Diode Array	2	646-06
MAD1103P Dual 8-Diode Array	4	646-06	MAD1108P 8-Diode Array	1	646-06

**PIN CONNECTION DIAGRAMS**



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