

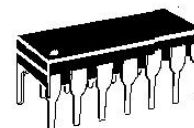

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# ADA1107P

## Switching Diode Array


**FEATURES**

- Dual 8 Diode Array
- Standard 14 pin Dual-In-Line Package
- UL 94V-0 Flammability Classification

**MECHANICAL**

- Molded 14 Pin Dip
- Weight: 0.997 grams (approximate)
- Marking: Logo, device number, date code
- Pin #1 defined by DOT on top of package

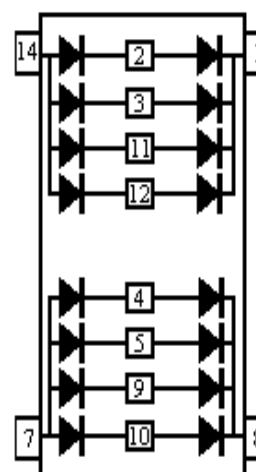
**MAXIMUM RATINGS**

- Operating Temperatures:  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Storage Temperature:  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Forward Surge Current: 2.0 Amps (8.3 mS)
- Minimum Breakdown Voltage  $V_{(BR)}$ : 90V
- Working Peak Reverse Voltage  $V_{RWM}$ : 75V
- Continuous forward current  $I_F$ : 400 mA
- Power dissipation ( $P_D$ ): 500 mW
- Derating factor: 4.0 mW/ $^{\circ}\text{C}$

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**PACKAGING**

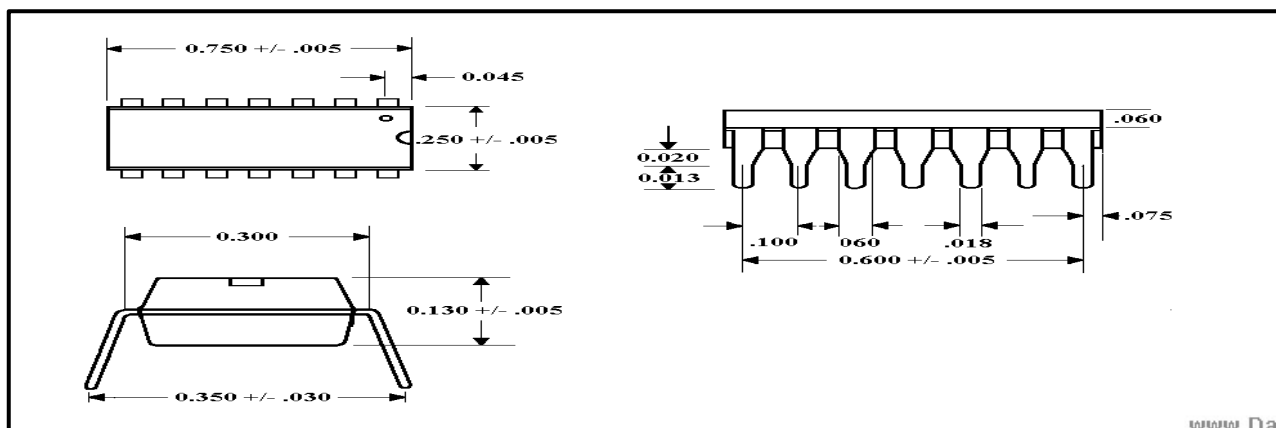
- Carrier tube 25 pcs per (STANDARD)

**CIRCUIT DIAGRAM**


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**ELECTRICAL CHARACTERISTICS @ 25°C Unless otherwise specified**

Part Number	$V_{(BR)}$ @100 $\mu\text{A}$ V	$V_{RWM}$ V	$I_R$ +25°C $\mu\text{A}$		$I_R$ +150°C $\mu\text{A}$		CAP @0V pF	$V_F$ @ $I_f = 10\text{mA}$ V	$V_F$ @ $I_f = 100\text{mA}$ V
	MIN	MAX	MAX	@ $V_R$	MAX	@ $V_R$	MAX	MAX	MAX
ADA1107P	90	75	.100	20	200	20	4.0	1.00	1.20



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