

New Jersey Semi-Conductor Products, Inc.

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TYPE 1N34A

FEATURES Low forward voltage drop
 —low power consumption
 Thirty years of proven reliability
 —one million hours mean time between failures (MTBF)
 Very low noise level
 Metallurgically bonded

ABSOLUTE MAXIMUM RATINGS

Peak Inverse Voltage	65V	@ 25°C
Peak Forward Current	150ma	unless
Operating Temperature Range	-65°C to 85°C	otherwise
Average Power Dissipation	80mw	specified

ELECTRICAL CHARACTERISTICS

	Symbol	Conditions	Min.	Max.	Unit	T °C
Peak Inverse Voltage	PIV	1ma	65		V	25°
Inverse Current	Ir	10V		30	ua	25°
Inverse Current	Ir	50V		500	ua	25°
Forward Voltage	Vf	5ma		1.0	u	25°

MECHANICAL

