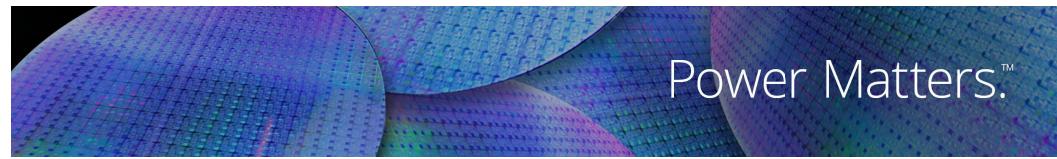


## PRODUCTS

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## JANS1N4620-1 (#57318)

### Product Status

In Production

#### Overview

#### Resources

#### Diagrams

#### How to Buy

#### Related Links

The 1N4099-1 through 1N4135-1 and 1N4614-1 through 1N4627-1 series are 500 mW, Zener voltage regulators in the axial-leaded, glass DO-35 package. Voltages from 1.8 to 100V in 5%, 2%, and 1% tolerances are available. They are constructed with an internal metallurgical bond and are mil-qualified up to the JANS level for high reliability applications.

Electrical Rating	Symbol	Min	Typ	Max	Unit
Reference Current, RMS Component	$I_{ZT}$			0.25	mA
Regulator Current, DC Maximum Rated	$I_{ZM}$			85.00	mA
Regulator voltage, reference voltage (dc)	$V_Z$			3.30	V
Reverse Current (uA)	$I_R$			3.50	uA
Reverse Voltage	$V_R$			1.00	V

Maximum Electrical Rating	Symbol	Min	Typ	Max	Unit
Forward Voltage (mV)	$V_F$			1100.00	mV
Junction Temperature (°C)	$T_J$	-65.00		175.00	°C
Operating and Storage Temperature (°C)	$T_{STO}/T_{S0}$	-65.00		175.00	°C
Power Dissipation, Total	$P_T$			0.50	W
Thermal Resistance, Junction to Ambient (°C/W)	$R_{JA}$			300.00	°C/W
Thermal Resistance, Junction to Lead (°C/W)	$R_{JL}$			250.00	°C/W

This part can be found in the following product categories:

- [Power Discretes & Modules](#) ▶ [Diodes](#) ▶ [Zener](#) ▶ [Zener Voltage Regulator Diode](#)
- [High-Reliability](#) ▶ [Non-Radiation Hardened Devices](#) ▶ [High-Reliability Diodes](#) ▶ [High-Reliability Zener diodes](#)