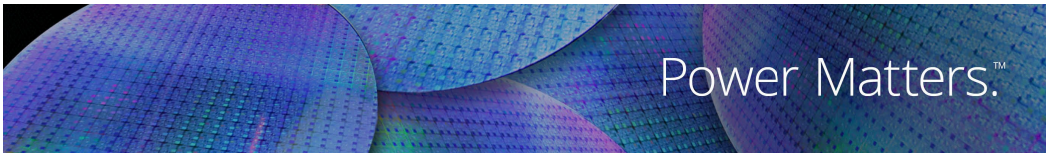


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## JANS1N4620-1 (#57318)

## Product Status

■ In Production

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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	$I_{dI}$			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 ( $\mu$ A)	$I_R$			3.50	$\mu$ A
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 ( $^{\circ}$ C)	$T_J$	-65.00		175.00	$^{\circ}$ C
Operating and Storage Temperature ( $^{\circ}$ C)	$T_{STG}/T_{\phi}$	-65.00		175.00	$^{\circ}$ C
Power Dissipation, Total	$P_T$			0.50	W
Thermal Resistance, Junction to Ambient ( $^{\circ}$ C/W)	$R_{\theta JA}$			300.00	$^{\circ}$ C/W
Thermal Resistance, Junction to Lead ( $^{\circ}$ C/W)	$R_{\theta JL}$			250.00	$^{\circ}$ C/W

This part can be found in the following product categories:

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