

N-Channel JFET

Low-Frequency Low-Noise Amplifier

BSR57

- This device is designed for low-power chopper or switching application sourced from process 51

ABSOLUTE MAXIMUM RATINGS ($T_C = 25^\circ\text{C}$ unless otherwise noted)

Parameter	Symbol	Value	Unit
Drain Gate Voltage	V_{DGO}	40	V
Gate Source Voltage	V_{GSO}	40	V
Forward Gate Current	I_{GF}	50	mA
Total Power Dissipation Up to $T_{amb} = 40^\circ\text{C}$	P_{tot}	250	mW
Storage Temperature Range	T_{STG}	55 to +150	$^\circ\text{C}$
Junction Temperature	T_J	150	$^\circ\text{C}$

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

ELECTRICAL CHARACTERISTICS ($T_C = 25^\circ\text{C}$ unless otherwise noted)

Symbol	Parameter	Test Condition	Min.	Typ.
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