



Pin	Connection	Pin	Connection
1	Balance	5	-
2	Inverting input	6	Output
3	Noninverting input	7	Power Supply V_{S1} (plus)
4	Power Supply V_{S2} (minus)	8	Balance

Electrical Characteristics

Parameter	Conditions	T_A	Min	Max	Units
Input Offset Voltage	$V_{S1} = 13.5 \text{ V}, V_{S2} = -13.5 \text{ V}, R_G = 50 \text{ k}\Omega$	+25°C	-3	3	mV
		-45°C	-5	5	mV
		+85°C	-5	5	mV
Output Voltage Swing	$V_{S1} = 13.5 \text{ V}, V_{S2} = -13.5 \text{ V}$ $R_L = 2 \text{ k}\Omega$	+25°C	11	-	V
		-45°C	10	-	V
		+85°C	10	-	V
		+25°C	-	-11	V
		-45°C	-	-10	V
		+85°C	-	-10	V
Input Bias Current	$V_{S1} = 16.5 \text{ V}, V_{S2} = -16.5 \text{ V}$	+25°C	-	40	nA
		-45°C	-	80	nA
		+85°C	-	80	nA
Input Offset Currents	$V_{S1} = 16.5 \text{ V}, V_{S2} = -16.5 \text{ V}$	+25°C	-	20	nA
		-45°C	-	60	nA
		+85°C	-	60	nA
Positive Supply Current	$V_{S1} = 16.5 \text{ V}, V_{S2} = -16.5 \text{ V}$	+25°C	-	120	μA
		-45°C	-	200	μA
		+85°C	-	200	μA
Voltage Gain	$V_{S1} = 13.5 \text{ V}, V_{S2} = -13.5 \text{ V}, R_L = 5 \text{ k}\Omega$	+25°C	100	-	V/mV
		-45°C	25	-	V/mV
		+85°C	25	-	V/mV
Slew Rate	$V_{S1} = 13.5 \text{ V}, V_{S2} = -13.5 \text{ V}$	+25°C	10	-	V/ μs
Common Mode Rejection	$V_{S1} = 13.5 \text{ V}, V_{S2} = -13.5 \text{ V}$	+25°C	86	-	dB
		-45°C	80	-	dB
		+85°C	80	-	dB

Microcircuits are manufactured under the supervision of the Quality Department, thoroughly inspected, and verified to correspond with the specifications.