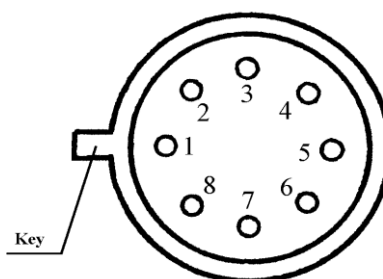


BOTTOM VIEW

Pin	Pin Designation
1	Emitter output
2	Noninverting input
3	Inverting input
4	Supply (minus), pin connected to case
5	Balance
6	Strobe, balance
7	Collector output
8	Supply (plus)



Pin	Pin Designation	Pin	Pin Designation
1	Ground	5	Balance
2	Noninverting input	6	Strobe, balance
3	Inverting input	7	Output
4	Power U_{CC2} (minus)	8	Power U_{CC1} (plus)

Electrical Characteristics

PARAMETER	CONDITIONS	T_j	MIN	TYP	MAX	UNITS
Input Offset Voltage	$R_G = 50 \text{ k}\Omega$	+25°C	-3	0.5	3	mV
		-45°C	-4	0.7	4	mV
		+85°C	-5	0.8	5	mV
Saturation Voltage	$V_{S1} = 4.5 \text{ V}, V_{S2} = 0,$ $U_I = 0.01, V_L = 50 \text{ mA}$	+25°C	-	0.6	1.5	V
		-45°C	-	0.7	1.6	V
		+85°C	-	0.9	1.7	V
Saturation Voltage	$V_{S1} = 4.5 \text{ V}, V_{S2} = 0,$ $U_I = 0.01, V_L = 5 \text{ mA}$	+25°C	-	0.15	0.4	V
		-45°C	-	0.22	0.5	V
		+85°C	-	0.14	0.4	V
Input Bias Current		+25°C	-	45	100	nA
		-45°C	-	70	200	nA
		+85°C	-	30	200	nA
Input Offset Currents		+25°C	-10	3	10	nA
		-45°C	-20	5	20	nA
		+85°C	-40	3	40	nA
Positive Supply Current	$U_I = 0.01 \text{ V}$	+25°C	-	4	6	mA
		-45°C	-	5.3	7	mA
		+85°C	-	2.5	6	mA
Negative Supply Current	$U_I = 0.01 \text{ V}$	+25°C	-	2.6	5	mA
		-45°C	-	3.3	6	mA
		+85°C	-	1.6	5	mA
Response Time	Overdrive 5 mV	+25°C	-	200	300	ns
Voltage Gain	$R_L = 10 \text{ k}\Omega, U_O = \pm 10 \text{ V}$	+25°C	150	600	-	V/mV
		-45°C	100	250	-	V/mV
		+85°C	50	200	-	V/mV
Output Leakage Currents	$V_{S1} = 18 \text{ V}, V_{S2} = -18 \text{ V},$ $U_I = 0.01 \text{ V}, V_E = 0, V_O = 35 \text{ V}$	+25°C	-	1.6	10	nA
		-45°C	-	3	10	nA
		+85°C	-	250	500	nA
Strobe ON Current		+25°C	-	1	5	mA
Input Voltage Range		+25°C	-14.5	-	13	V
Offset Voltage Drift		from -45°C up to +85°C	-25	10	25	$\mu\text{V}/^\circ\text{C}$
Offset Current Drift		from -45°C up to +85°C	-0.2	0.1	0.2	$\text{nA}/^\circ\text{C}$
		from -45°C up to +85°C	-0.1	0.05	0.1	$\text{nA}/^\circ\text{C}$

Microcircuits are made under supervision of Quality Department, checked and there correspond specification