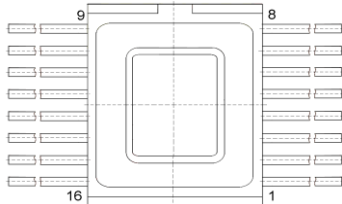
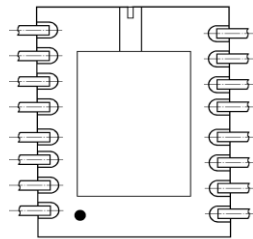


**TOP VIEW**

**BOTTOM VIEW**

**Pin Connection Diagram**

Pin	Destination	Pin	Destination
1	Inverting input	8	Output
2	Noninverting input	9	Power $U_{CC3}$ (5V)
4	Power $U_{CC2}$ (-15V)	12	Power $U_{CC1}$ (15V)
6	Ground		

**Electrical Characteristics**

Parameter	Conditions	$T_A$	Min	Max	Units
Input Offset Voltage	$U_{CC1} = 16,5 \text{ V}; U_{CC2} = -16,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	5	mV
		-45°C	-	15	mV
		+100°C	-	15	mV
Output low Voltage	$U_{CC1} = 13,5 \text{ V}; U_{CC2} = -13,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; I_{oL} = -1,6 \text{ mA}; U_I = 20 \text{ mV}$	+25°C	0	400	mV
		-45°C	0	400	mV
		+100°C	0	400	mV
Output high Voltage	$U_{CC1} = 13,5 \text{ V}; U_{CC2} = -13,5 \text{ V}; U_{CC3} = 4,5 \text{ V}; I_{oH} = 0,1 \text{ mA}; I_o = -1,6 \text{ mA}, U_I = -20 \text{ mV}$	+25°C	2,4	$U_{CC3}$	V
		-45°C	2,4	$U_{CC3}$	V
		+100°C	2,4	$U_{CC3}$	V
Supply Current $I_{cc1}$	$U_{CC1} = 16,5 \text{ V}; U_{CC2} = -16,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_I = -20 \text{ mV}$	+25°C	-	12,7	mA
		-45°C	-	14	mA
		+100°C	-	15	mA
Supply Current $I_{cc2}$	$U_{CC1} = 16,5 \text{ V}; U_{CC2} = -16,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_I = 20 \text{ mV}$	+25°C	-	7,5	mA
		-45°C	-	8	mA
		+100°C	-	8	mA
Input Bias Current	$U_{CC1} = 16,5 \text{ V}; U_{CC2} = -16,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	0,75	mkA
		-45°C	-	5	mkA
		+100°C	-	10	mkA
Input Offset Currents	$U_{CC1} = 16,5 \text{ V}; U_{CC2} = -16,5 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	0,3	mkA
		-45°C	-	3	mkA
		+100°C	-	3	mkA
Voltage Gain	$U_{CC1} = 13,5 \text{ V}; U_{CC2} = -13,5 \text{ V}; U_{CC3} = 4,5 \text{ V}; U_o = 1,4 \text{ V}$ $\Delta U_o = \pm 0,5 \text{ V}$	+25°C	25000	-	-
		-45°C	10000	-	-
		+100°C	20000	-	-
Propagation delay	$U_{CC1} = 15,0 \text{ V}; U_{CC2} = -15,0 \text{ V}; U_{CC3} = 5,0 \text{ V}; U_{REF} = -100 \text{ mV}$ $R_L = 3 \text{ k}\Omega; U_o = (0,9-1,9) \text{ V}; U_G = -105 \text{ mV}$	+25°C	-	300	ns

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