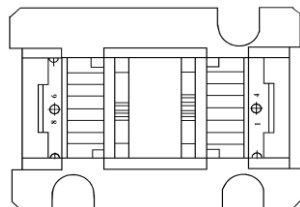
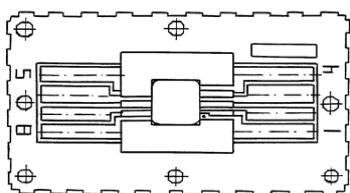
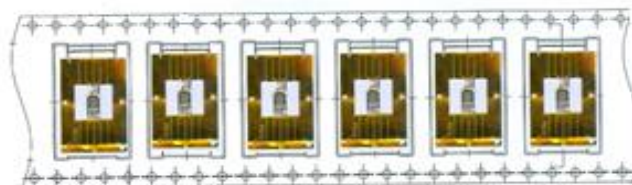


Packaging option

Container



Blister tape



Pin Connection Diagram

Pin	Destination	Pin	Destination
1	Ground	6	Inverting input
2	Output	7	Noninverting input
3	Power U_{CC3} (5V)	8	Power U_{CC2} (-15V)
4	Power U_{CC1} (15V)		

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.

