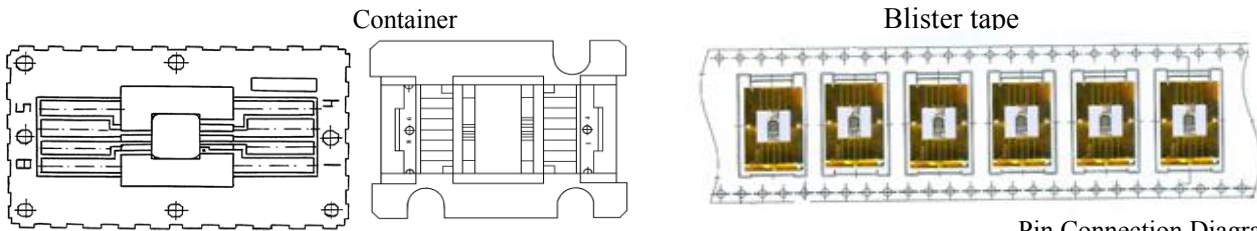


Packaging option



Pin Connection Diagram

Pin	Destination	Pin	Destination
1	Ground	6	Inverting input
2	Output	7	Noninverting input
4	Power $U_{CC3}$ ( 5V )	8	Power $U_{CC2}$ ( -6V )
6	Power $U_{CC1}$ ( 12V )		

Electrical Characteristics

Parameter	Conditions	$T_A$	Min	Max	Units
Input Offset Voltage	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	6	mV
		-45°C	-	20	mV
		+85°C	-	20	mV
Output low Voltage	$U_{CC1} = 10,8 \text{ V}; U_{CC2} = -5,4 \text{ V}; U_{CC3} = 5,5 \text{ V}; I_{oL} = -1,6 \text{ mA}; U_I = 20 \text{ mV}.$	+25°C	-	400	mV
		-45°C	-	400	mV
		+85°C	-	400	mV
Output high Voltage	$U_{CC1} = 10,8 \text{ V}; U_{CC2} = -5,4 \text{ V}; U_{CC3} = 4,5 \text{ V}; I_{oH} = 0,1 \text{ mA}; I_o = -1,6 \text{ mA}, U_I = -20 \text{ mV}$	+25°C	2,4	$U_{CC3}$	V
		-45°C	2,4	$U_{CC3}$	V
		+85°C	2,4	$U_{CC3}$	V
Supply Current $I_{cc1}$	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_I = -20 \text{ mV}.$	+25°C	-	14	mA
		-45°C	-	15,5	mA
		+85°C	-	15,5	mA
Supply Current $I_{cc2}$	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,5 \text{ V}; U = 20 \text{ mV}$	+25°C	-	8	mA
		-45°C	-	9	mA
		+85°C	-	9	mA
Input Bias Current	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	20	mkA
		-45°C	-	50	mkA
		+85°C	-	120	mkA
Input Offset Currents	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,5 \text{ V}; U_o = 1,4 \text{ V}$	+25°C	-	10	mkA
		-45°C	-	20	mkA
		+85°C	-	20	mkA
Voltage Gain	$U_{CC1} = 10,8 \text{ V}; U_{CC2} = -5,4 \text{ V}; U_{CC3} = 4,5 \text{ V}; U_o = 1,4 \text{ V}; \Delta U_o = \pm 0,5 \text{ V}.$	+25°C	2000	-	-
		-45°C	750	-	-
		+85°C	1000	-	-
Common Mode Rejection	$U_{CC1} = 13,2 \text{ V}; U_{CC2} = -6,6 \text{ V}; U_{CC3} = 5,0 \text{ V}; U_o = 1,4 \text{ V}; U_{IC} = \pm 4 \text{ V}.$	+25°C	60	-	dB
		-45°C	50	-	dB
		+85°C	65	-	dB
Propagation delay	$U_{CC1} = 12,0 \text{ V}; U_{CC2} = -6,0 \text{ V}; U_{CC3} = 5,0 \text{ V}; U_{REF} = -100 \text{ mV}; R_L = 3 \text{ k}\Omega; U_o = ( 0,9-1,9 ) \text{ V}; U_G = -150 \text{ mV}.$	+25°C	-	80	ns

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