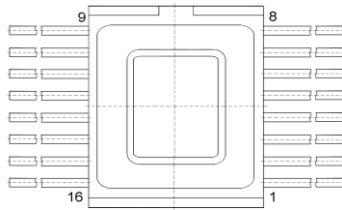
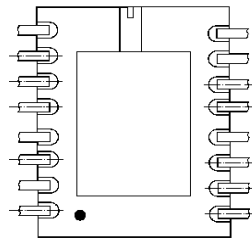


TOP VIEW



BOTTOM VIEW



Pin Connection Diagram

Pin	Pin Destination	Pin	Pin Destination
1	Power Supple V_{S2} (minus)	9	Power U_{CC2} (minus)
2	Balance	10	Balance
3	Strobe	11	Strobe
4	Collector output	12	Collector output
5	Power Supple V_{S1} (plus)	13	Power U_{CC1} (plus)
6	Emitter output	14	Emitter output
7	Noninverting input 2	15	Noninverting input 1
8	Inverting input 2	16	Inverting input 1

Electrical Characteristics

$T_A = +25^\circ\text{C}$

Parameter	Conditions	T_A	Min	Max	Units
Input Offset Voltage	$U_{CC1} = 13,5 \text{ V}, U_{CC2} = -13,5 \text{ V}, R_G = 50 \text{ k}\Omega$	$+25^\circ\text{C}$	-5	5	mV
		-45°C	-4	4	
		$+85^\circ\text{C}$	-4	4	
Saturation Voltage	$U_{CC1} = 16,5 \text{ V}, U_{CC2} = -1$	$+25^\circ\text{C}$	-	1.0	V
		-45°C		1,2	
		$+85^\circ\text{C}$		1,2	
	$U_{CC1} = 4,5 \text{ V}, U_{CC2} = 0 \text{ B}$	$+25^\circ\text{C}$		0.4	V
		-45°C		0,5	
		$+85^\circ\text{C}$		0,4	
Input Bias Current	$U_{CC1} = 16,5 \text{ V}, U_{CC2} = -16,5 \text{ V}$	$+25^\circ\text{C}$	-	200	nA
		-45°C		300	
		$+85^\circ\text{C}$		120	
Input Offset Currents	$U_{CC1} = 16,5 \text{ V}, U_{CC2} = -16,5 \text{ V}$	$+25^\circ\text{C}$	-10	10	nA
		-45°C	-20	20	
		$+85^\circ\text{C}$	-6	6	
Positive Supply Current	$U_{CC1} = 16,5 \text{ V}, U_{CC2} = -16,5 \text{ V}, U_I = 0,01 \text{ V}$	$+25^\circ\text{C}$	-6	6	mA
		-45°C	-8	8	
		$+85^\circ\text{C}$	-4	4	
Negative Supply Current	$U_{CC1} = 16,5 \text{ V}, U_{CC2} = -16,5 \text{ V}, U_I = -0,01 \text{ V}$	$+25^\circ\text{C}$	-5	-	mA
		-45°C	-7		
		$+85^\circ\text{C}$	-3,5		
Voltage Gain	$U_{CC1} = 13,5 \text{ V}, U_{CC2} = -13,5 \text{ V}, R_L = 10 \text{ k}\Omega, U_O = \pm 10 \text{ V}$	$+25^\circ\text{C}$	100	-	V/mV
		-45°C	200		
		$+85^\circ\text{C}$	60		
Leakage Current	$U_{CC1} = 18 \text{ V}, U_{CC2} = -18 \text{ V}, U_O = 35 \text{ V}, I_{\text{strobe}} = 3 \text{ mA}$	$+25^\circ\text{C}$	-	10	nA
		-45°C		10	
		$+85^\circ\text{C}$		500	
Response Time	$U_{CC1} = 15 \text{ V}, U_{CC2} = -15 \text{ V}$	$+25^\circ\text{C}$	-	300	ns

Microcircuits are made under supervision of Quality Department, checked and they correspond to the specification