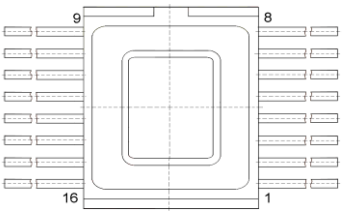
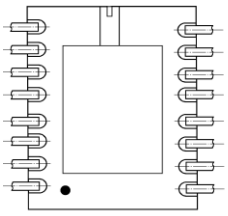
Fast-acting Four-channel Voltage Comparator αRD3430/T5D

TOP VIEW



BOTTOM VIEW



Pin Connection Diagram

Pin	Destination	Pin	Destination
1	Noninverting input 1	9	Noninverting input 4
2	-	10	Power $U_{CC}2$ (minus)
3	Inverting input 2	11	Output 4
4	Noninverting input 2	12	Output 3
5	Inverting input 3	13	Output 2
6	Noninverting input 3	14	Output 1
7	-	15	Power $U_{CC}1$ (plus)
8	Inverting input 4	16	Inverting input 1

Electrical Characteristics

Parameter		Conditions	T_A	Min	Max	Units
Supply Current	Icc	Ucc1 =30 V, Ucc2 = 0 V, U_{IN}+=1V, U_{IN}-=0V	+25°C	-	2	mA
			-45°C	-	2	
			+85°C	-	2	
Input Bias Current	$\pm I_{IB}$	Ucc1 =30 V, Ucc2 = 0 V	+25°C	-100	1	nA
			-45°C	-300	1	
			+85°C	-300	1	
Input Offset Voltage	V_{IO}	Ucc = 30 V, V_{CM} = 28 V, Vo = 1.5 V	+25°C	-2	2	mV
			-45°C	-4	4	
			+85°C	-4	4	
RHA designator (Si)				-	50	krads

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