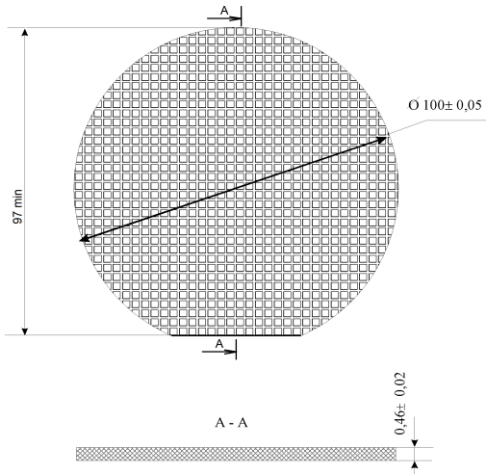
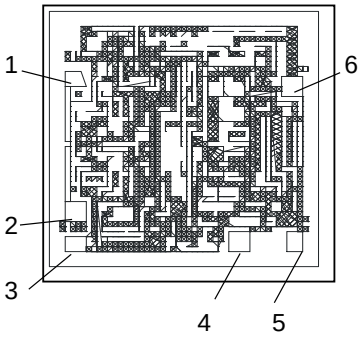
Operational amplifier αRD1544AH4





Pin	Connection
1	Inverting input
2	Noninverting input
3	Power Supple V_{S2} (minus)
4	Balance
5	Output
6	Power Supple V_{S1} (plus)

Size of chip: (1,9x1,9)mm

Electrical Characteristics T_A=+25°C

Parameter	Conditions	Min	Max	Units
Input Offset Voltage	V_{S1} = 16.5 V, V_{S2} = -16.5 V, R_G= 50 Ω, R_L≥ 10 kΩ	-6	6	mV
Output Voltage Swing	V_{S1} = 13.5 V, V_{S2} = -13.5 V, RL = 5 kΩ	10	-10	V
Input Bias Current	V_{S1} = 16.5 V, V_{S2} = -16.5 V, R_G= 50 Ω, R_L≥ 10 kΩ	-	1,2	μA
Input Ofset Currents	V_{S1} = 16.5 V, V_{S2} = -16.5 V, R_G= 50 Ω, R_L≥ 10 kΩ	-	0,3	μA
Positive Supply Current	V_{S1} = 16.5 V, V_{S2} = -16.5 V, R_G= 50 Ω, R_L≥ 10 kΩ	-	7	mA
Voltage Gain	V_{S1} = 13.5 V, V_{S2} = -13.5 V, R_L= 5 kΩ	8	-	V/mV
Common Mode Rejection	V_{S1} = 13.5 V, V_{S2} = -13.5 V	74	-	dB
Slew Rate	V_{S1} = 13.5 V, V_{S2} = -13.5 V	400		V/μs

Microcircuits are made under supervision of Quality Departament, checked and there corespond specification

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