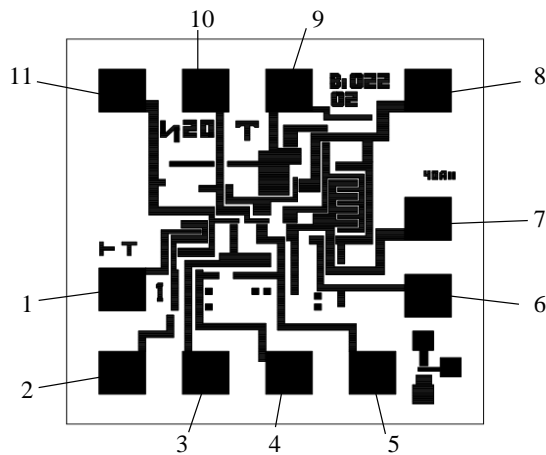
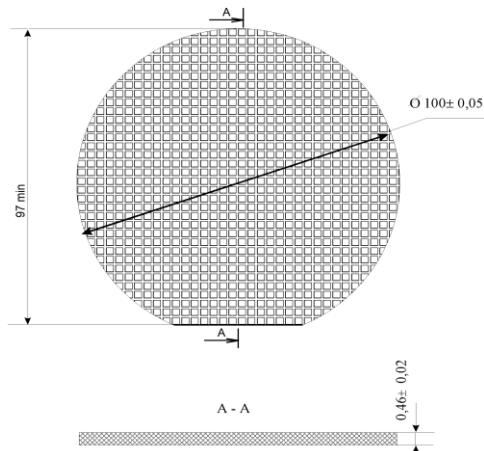


Low Frequency Amplifier  $\alpha$ RD960AH4

Size of chip: (1,2x1,2)mm

Pin	Designation
1	Input
2	Technological
3	General
4	Technological
5	Technological
6	Feedback
7	General
8	Output
9	Positive Supply
10	Correction
11	Correction

Electrical Characteristics

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

Parameter	Conditions	Min Value	Max value	Units
Noise voltage	$U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$	-	1,5	mV
Supply Current	$U_{CC}=6,9\text{V}$	-	15	mA
Lower cutoff frequency	At 1.4 dB $U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $U_i=1,5\text{ mV}$	-	0,02	kHz
Upper cutoff frequency	At 1.4 dB $U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $U_i=1,5\text{ mV}$	100	-	kHz
Large Signal Voltage Gain	$U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $f=1\text{ kHz}$ , $U_o=0,8\text{ V}$	100	350	
Harmonic coefficient	$U_{CC}=5,7\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $f=1\text{ kHz}$ , $U_o=0,8\text{ V}$	-	2	%
Relative instability of the voltage gain	$U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $f=1\text{ kHz}$ , $U_o=0,8\text{ V}$	-	$\pm 10$	%
Input resistance	$U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $U_i=1,5\text{ mV}$ , $f=1\text{ kHz}$ ,	10		k $\Omega$
Output resistance	$U_{CC}=6,3\text{V}$ , $R_L = 0,5\text{ k}\Omega$ , $R_G = 0,6\text{ k}\Omega$ , $f=1\text{ kHz}$ , $U_o=0,8\text{ V}$	-	0,1	k $\Omega$

Microcircuits are made under supervision of Quality Department, checked and there correspond specification