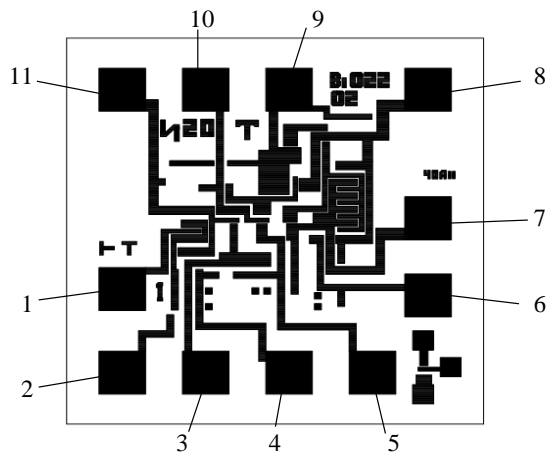
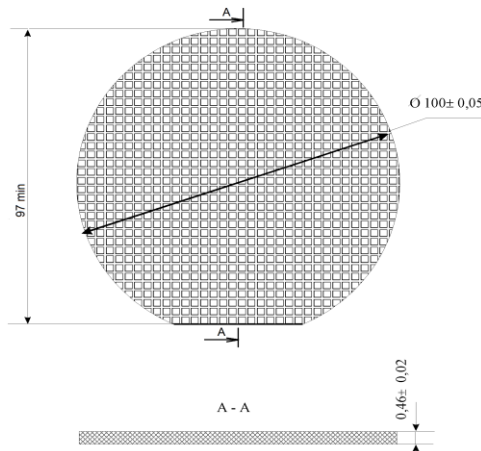


Low Frequency Amplifier α RD960AH4



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	$U_{CC}=6,3\text{V}, R_L = 0,5\text{ k}\Omega, R_G = 0,6\text{ k}\Omega$	-	1,0	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	$U_{CC}=6,3\text{V}, R_L = 0,5\text{ k}\Omega, R_G = 0,6\text{ k}\Omega, f=1\text{ kHz}, U_o=0,8\text{ V}$	30	120	
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	$U_{CC}=6,3\text{V}, R_L = 0,5\text{ k}\Omega, R_G = 0,6\text{ k}\Omega, f=1\text{ kHz}, U_o=0,8\text{ V}$	-	± 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 Ω
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 Ω

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