

TA7205AP

T-74-05-01

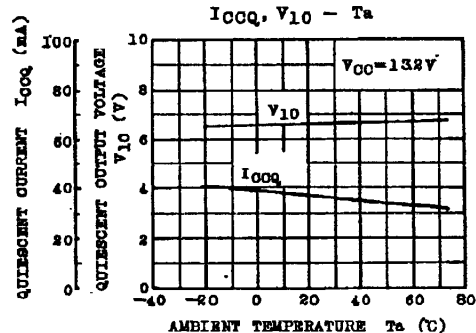
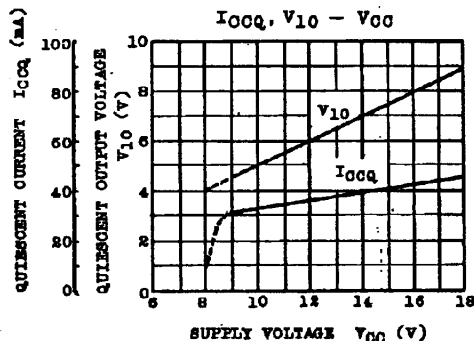
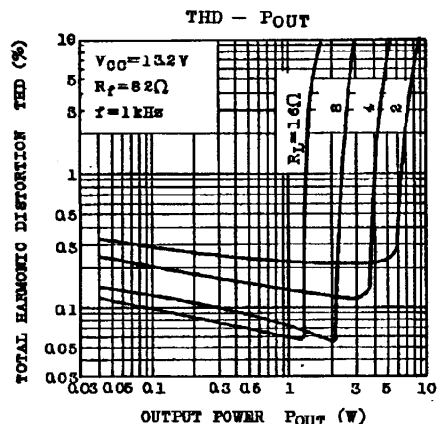
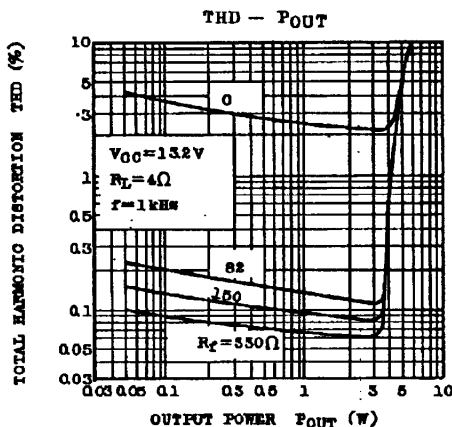
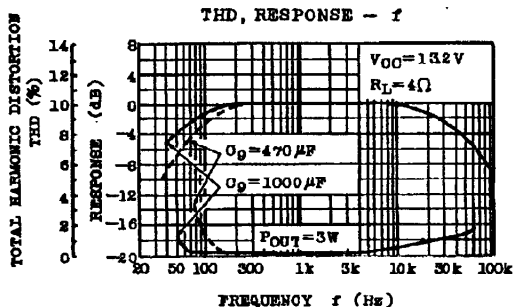
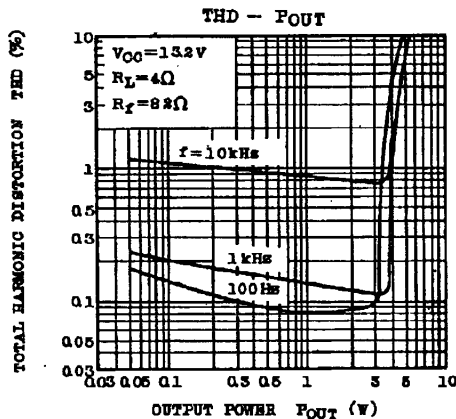
ELECTRICAL CHARACTERISTICS(Unless otherwise specified $V_{CC}=12.5V$, $R_L=4\Omega$, $R_g=600\Omega$, $R_f=82\Omega$, $f=1kHz$, $T_a=25^\circ C$)

CHARACTERISTIC	SYMBOL	TEST CIR-CUIT	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Quiescent Current	I_{CCQ}	-	-	-	-	60	mA
			$V_{CC}=18V$	-	-	80	
Output Power	P_{OUT}	-	THD=10%	4.5	5	-	W
			$V_{CC}=13.2V$, THD=10%	-	5.8	-	
			$V_{CC}=13.2V$, $R_L=2\Omega$, THD=10%	-	9.2	-	
Maximum Output Power	P_{OM}	-	$V_{CC}=13.2V$	-	9.5	-	W
Total Harmonic Distortion	THD	-	$P_{OUT}=1W$	-	0.15	1.0	%
			$P_{OUT}=100mW$	-	0.2	1.0	
			$P_{OUT}=1W$, $R_L=2\Omega$	-	0.25	1.0	
Voltage Gain (Note)	G_V	-	$V_{IN}=2.45mV_{rms}$	52	55	58	dB
Input Resistance	R_{IN}	-	$V_{OUT}=2V_{rms}$	30	40	-	k Ω
Output Noise Voltage	V_{NO}	-	$R_g=10k\Omega$, BW=50 ~ 20kHz	-	-	3.5	mV

Note: In regard to the value of voltage gain (closed loop), it is possible to be classified.

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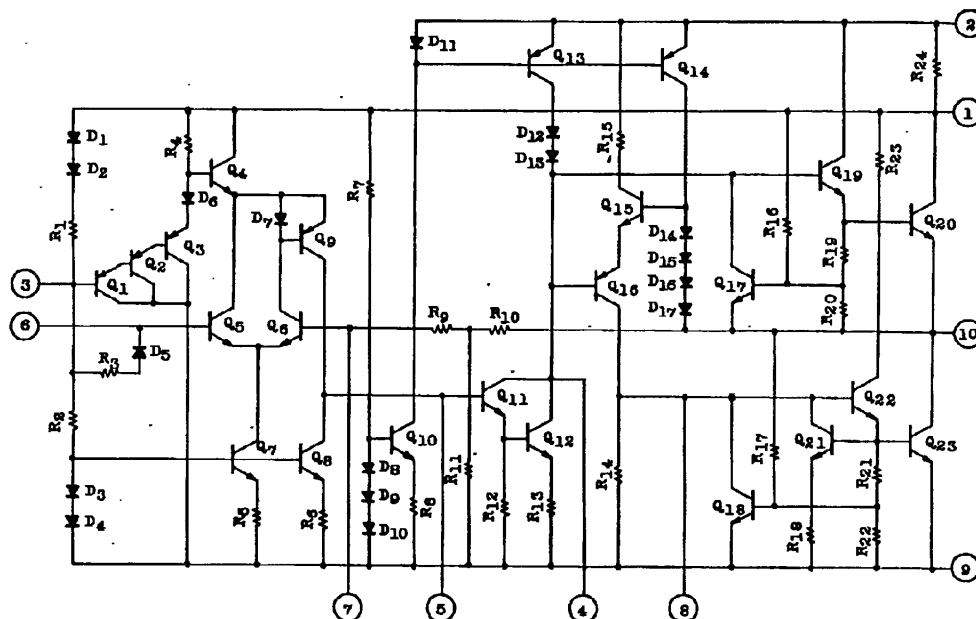


AUDIO LINEAR IC

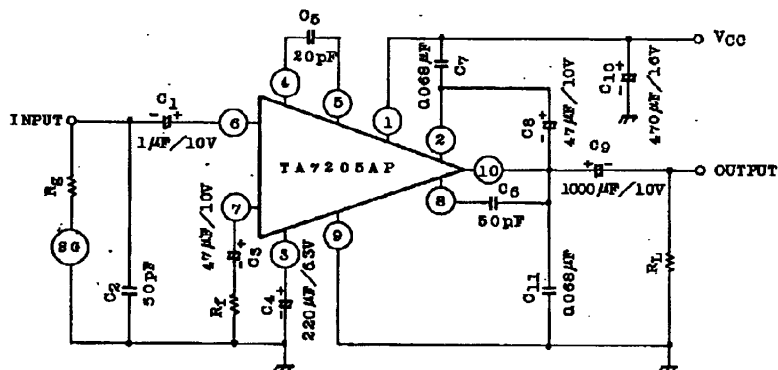
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EQUIVALENT CIRCUIT



TEST AND APPLICATION CIRCUIT



Note: Metal Tab must be connected to GND level or Non-connection.

C7 and C11 are polyester film capacitors.

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