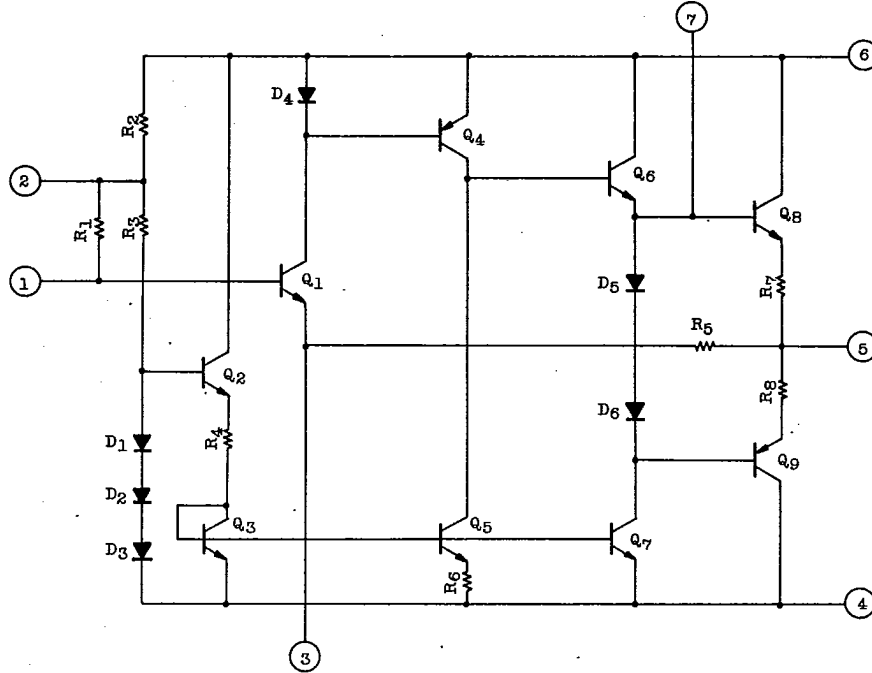


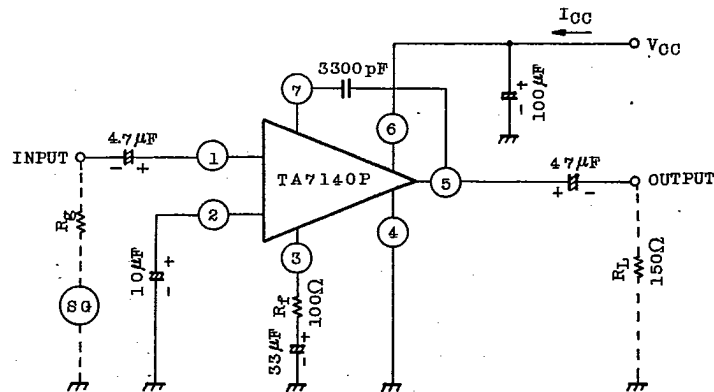
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EQUIVALENT CIRCUIT



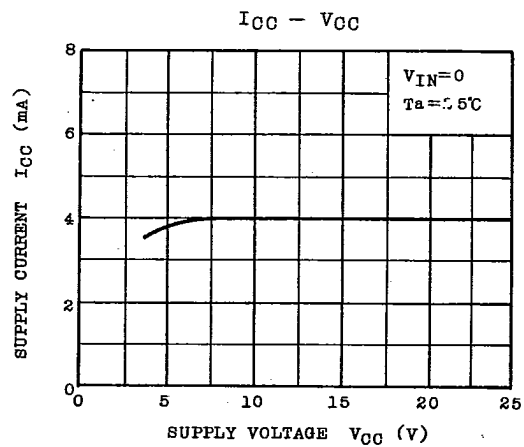
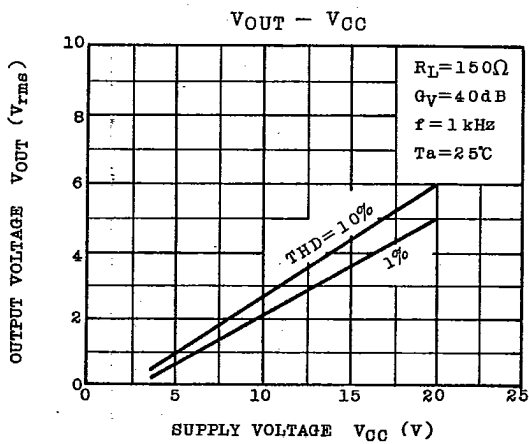
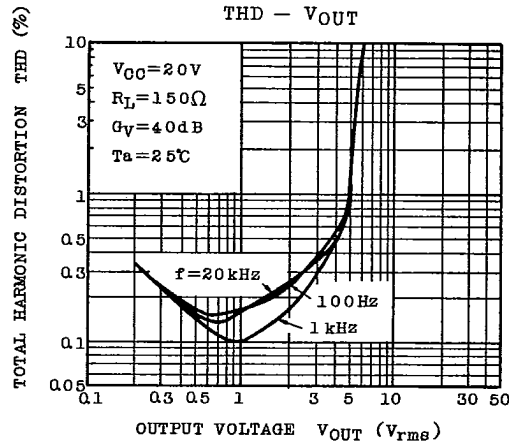
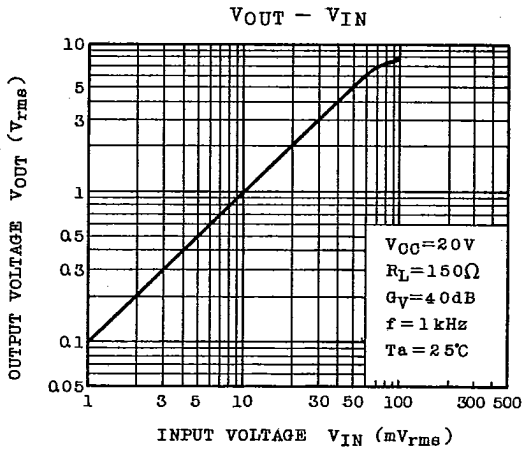
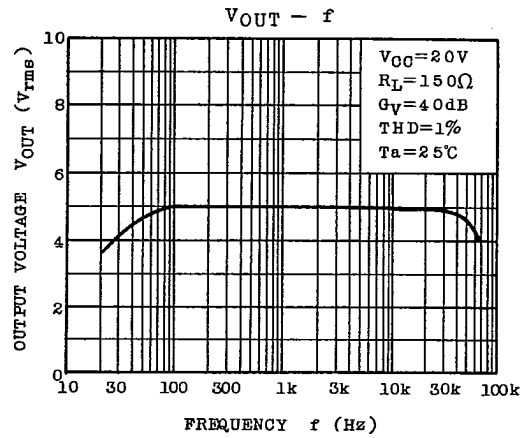
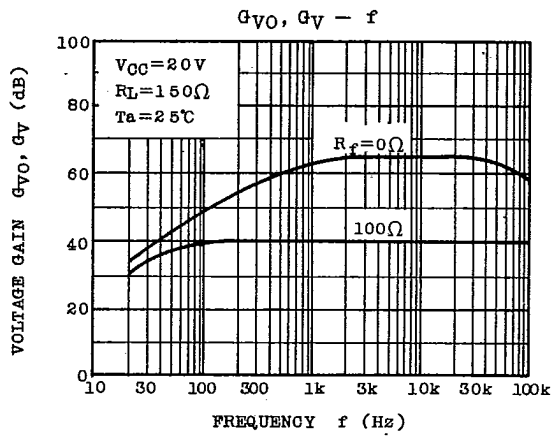
TEST CIRCUIT



AUDIO LINEAR IC

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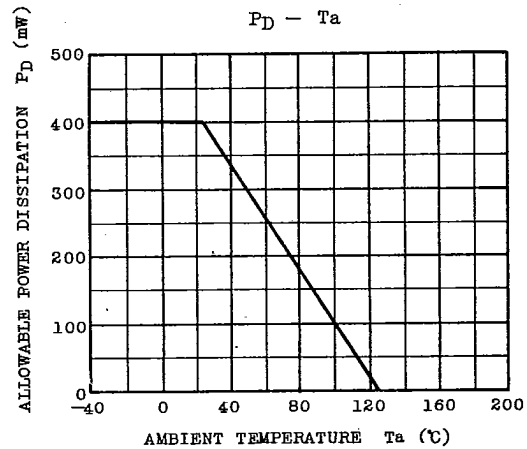
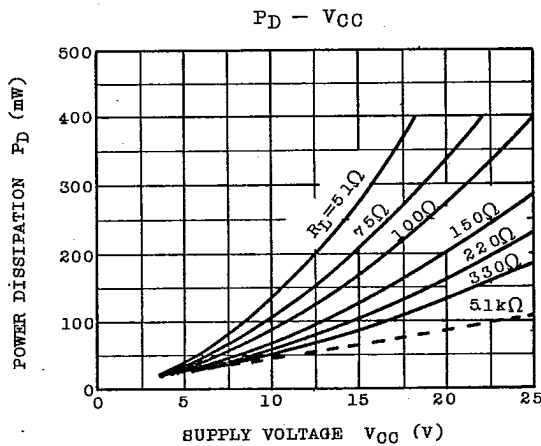
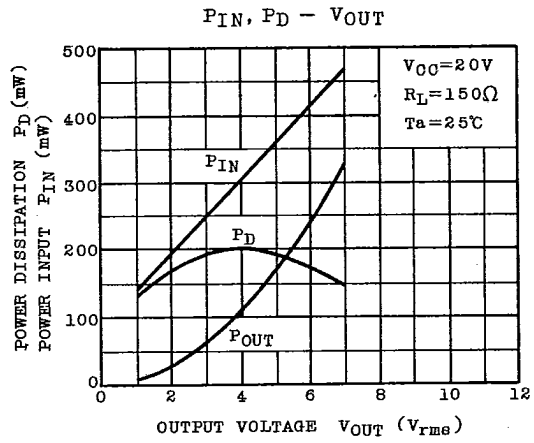
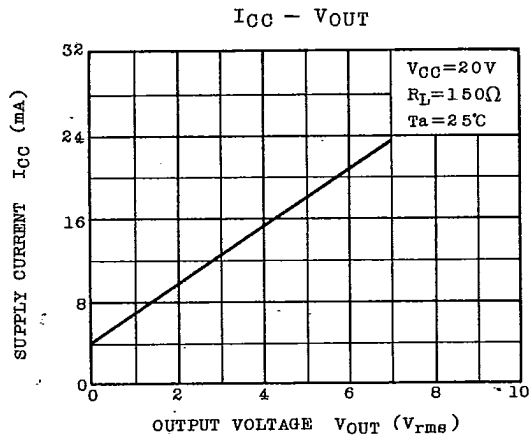
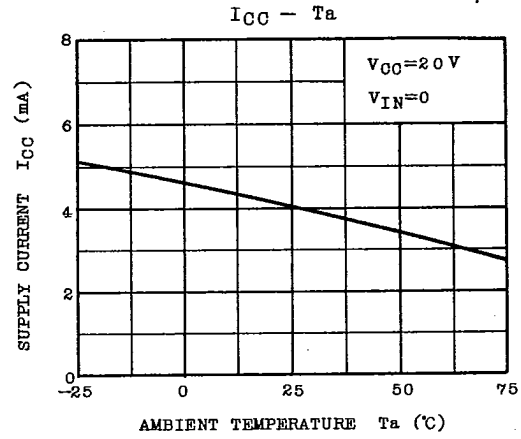
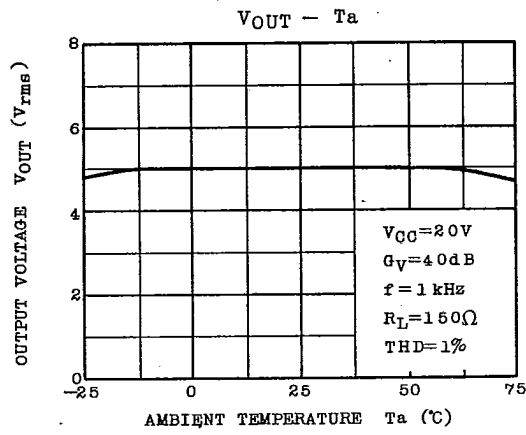
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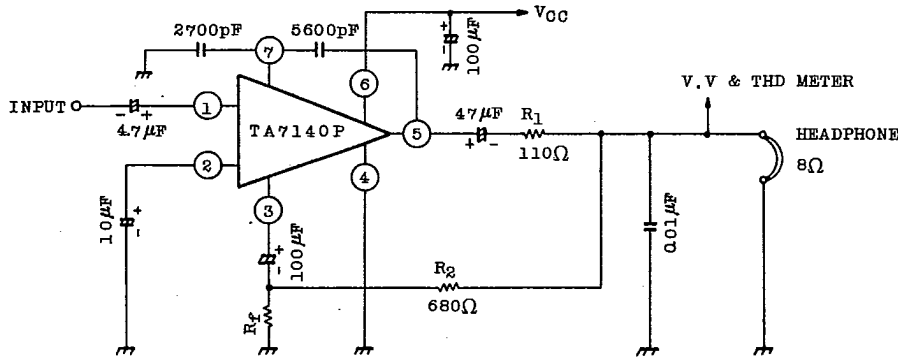
AUDIO LINEAR IC

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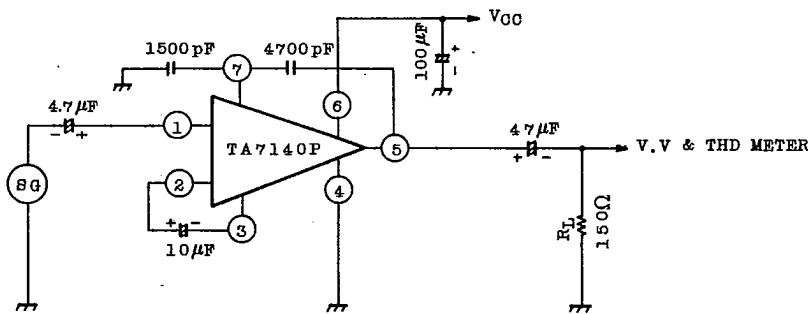
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APPLICATION CIRCUIT

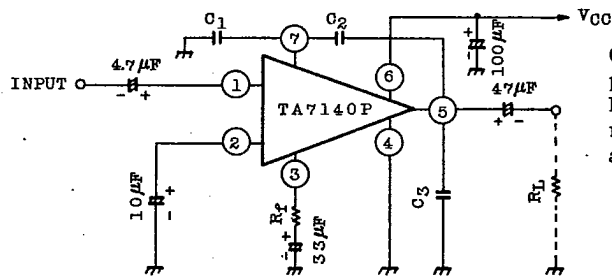
1. HEADPHONE AMPLIFIER



2. BUFFER AMPLIFIER ($G_v=9dB$)



3. FLAT AMPLIFIER



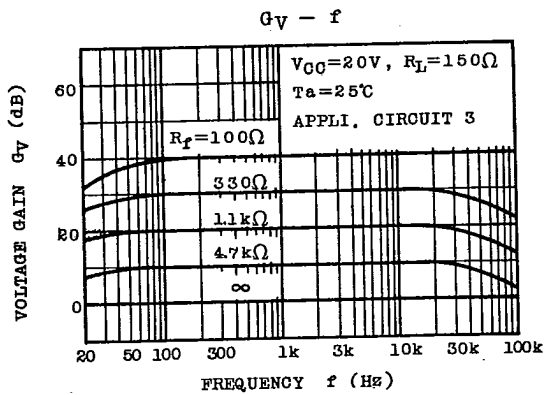
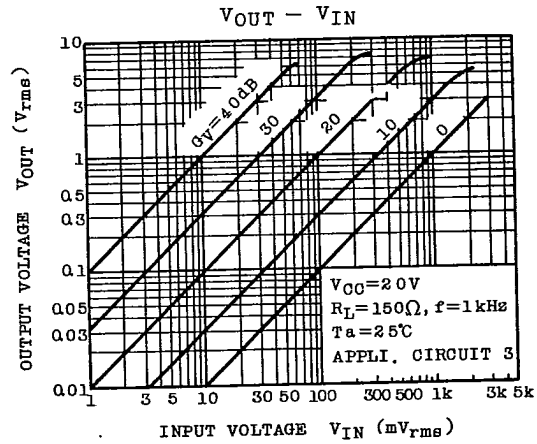
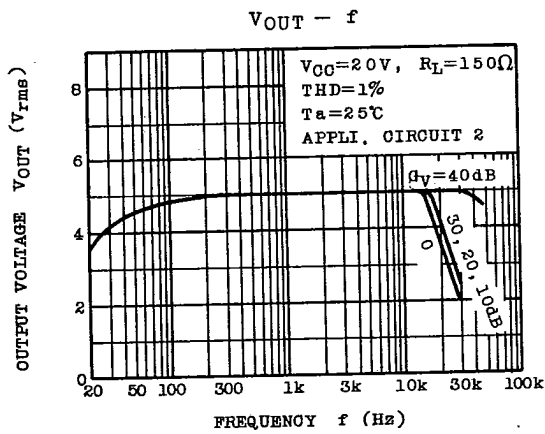
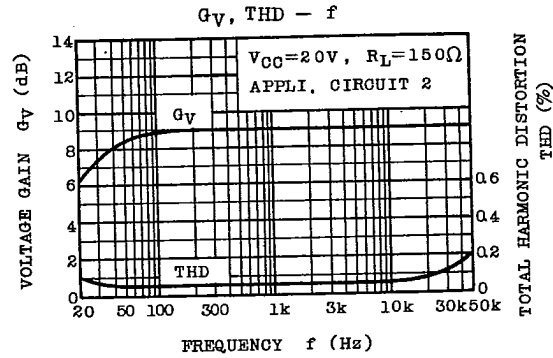
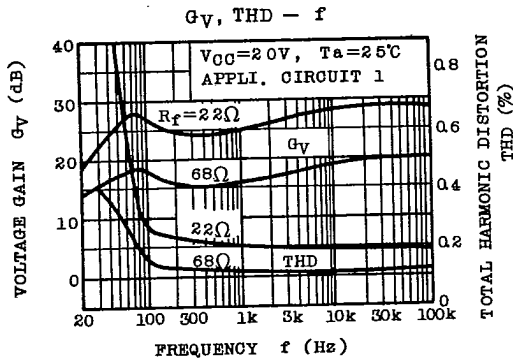
C_1, C_2 and C_3 are for preventing parasitic oscillation. For various closed loop gain, recommended compensation values are shown in the following table.

VOLTAGE GAIN

G_v	40dB	30dB	20dB	10dB	0dB
R_f [Ω]	100	330	1.1k	4.7k	∞ (open)
C_1 [pF]	0	1500	1500	1500	1500
C_2 [pF]	3300	4700	4700	4700	4700
C_3 [pF]	0	0	0	0	2200

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AUDIO LINEAR IC