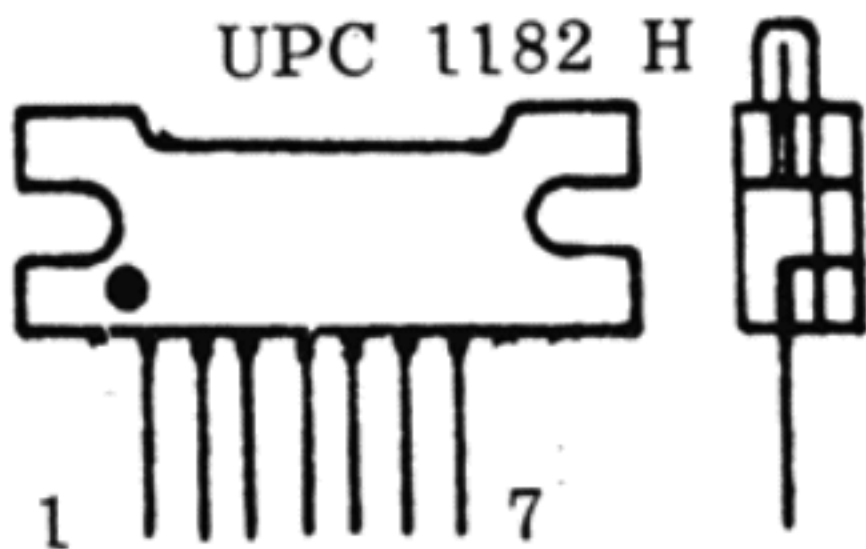


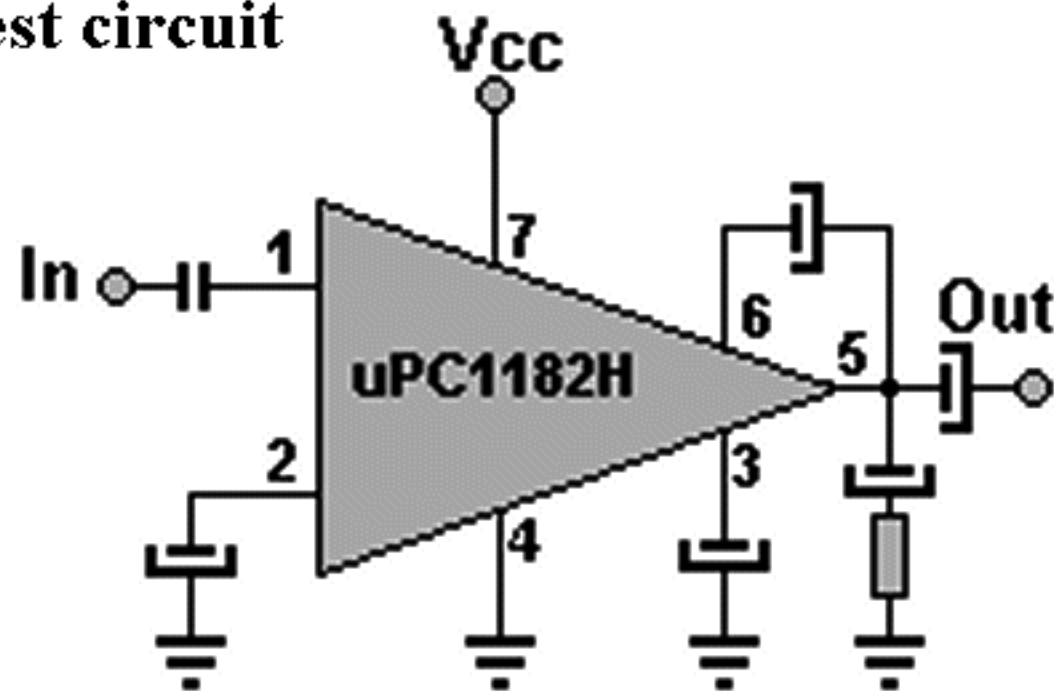
uPC1182H

Audio power amplifier

Type No.	Use	Circuit Description	Supply Voltage (V)	Electrical Characteristics			Package Outline
μPC1182H	Car stereo set Car radio receiver ($P_O = 9.2W @ 2\Omega$)	- Differential input 3-stage amplifier - Quasi complementary output stage	9.5~18	(Ta = 25°C, VCC = 13.2V, f = 1kHz, RL = 4Ω)			7-pin SIP Ⓛ
				ICC	~40 ~	(mA)	Vi=0 T.H.D.=10% T.H.D.=10%, RL=2Ω PO=0.5W PO=1W, RL=2Ω PO=0.5W RG=0Ω
				PO	5.0~5.8~	(W)	
				PO	~9.2~	(W)	
				T.H.D.	~0.3~	(%)	
				T.H.D.	~0.4~	(%)	
				POM	~9.5~	(W)	
				Av	~55 ~	(dB)	
				NL	~0.9~	(mVr.m.s.)	



Test circuit



Pin	Function
1	Audio input
2	Bypass
3	Feedback
4	Ground
5	Audio output
6	Bootstrap
7	VCC

