

Audio Power Amplifiers (Continued)

Type No.	Use	Circuit Description	Supply Voltage (V)	Electrical Characteristics				Package Outline
μ PC1181H μ PC1182H	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	
				PO	5.0~5.8~	(W)	T.H.D.=10%	
				PO	~9.2~	(W)	T.H.D.=10%, RL=2Ω	
				T.H.D.	~0.3~	(%)	PO=0.5W	
				T.H.D.	~0.4~	(%)	PO=1W, RL=2Ω	
				POM	~9.5~	(W)		
				Av	~55 ~	(dB)	PO=0.5W	
				NL	~0.9~	(mVr.m.s.)	RG=0Ω	
μ PC2002H/V	Car stereo set Car radio receiver ($P_O = 9.0W @ 2\Omega$)	- Differential input 3-stage amplifier - Quasi complementary output stage	8~18	(Ta = 25°C, f = 1kHz)				5-pin SIP V type M H type Ⓓ
				VCC = 14.4V		13.2V		
				ICC	~60 ~	60 (mA)	Vi=0	
				PO	~5.4 ~	4.5 (W)	T.H.D.=10%, RL=4Ω	
				PO	~9.0 ~	7.5 (W)	T.H.D.=10%, PL=2Ω	
				T.H.D.	~0.05 ~	0.05 (%)	PO=0.5W, RL=4Ω	
				T.H.D.	~0.06 ~	0.06 (%)	PO=1W, RL=2Ω	
				Avo	~80 ~	78.5 (dB)	RL=4Ω	
				Av	39.5~40 ~	40.5 40 (dB)	RL=4Ω, PO=0.5W	
				NL	~0.4 ~	0.4 (mVr.m.s.)	RG=0	
				Ri	70~150 ~	150 (kΩ)		
				SVR	~-39 ~	-39 (dB)	RL=4Ω, RL=10kΩ, fripple=100Hz, Vripple=0.5V	

Channel Selector

Type No.	Use	Circuit Description	Supply Voltage (V)	Electrical Characteristics				Package Outline
μ PC1009C	4-Channel selector	- Potentiometer switch - Channel indicator circuit - Channel hold circuit - Input signal amplifier - Initial setting circuit	9~28	(Ta = 25°C, V18~20, VB = 24V, RB = 3.9kΩ, V1 = 24V)				20-pin DIP K
				$\Delta V_{11,13}$	1.0~	~1.7 (V)	Remote control input voltage	
				VC(ON)	~0.06 ~	0.1 (V)	Channel selector terminal saturation voltage	
				Ia	~100	(nA)	Sensor input current	
				Vb(sat)	~0.9 ~	2.0 (V)	Indicator terminal saturation voltage	