

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 Ω) | <ul style="list-style-type: none"> Differential input 3-stage amplifier Quasi complementary output stage | 9.5~18 | (T _a = 25°C, V _{CC} = 13.2V, f = 1kHz, R _L = 4 Ω) | | | 7-pin SIP | |
| | | | | I _{CC} | ~40 ~ | (mA) | | V _i =0 |
| μ PC2002H/V | Car stereo set Car radio receiver (P _O = 9.0W @2 Ω) | <ul style="list-style-type: none"> Differential input 3-stage amplifier Quasi complementary output stage | 8~18 | (T _a = 25°C, f = 1kHz) | | | 5-pin SIP V type H type | |
| | | | | V _{CC} = 14.4V | | 13.2V | | |
| | | | | I _{CC} | ~60 ~ | 60 (mA) | | V _i =0 |
| | | | | P _O | ~5.4 ~ | 4.5 (W) | | T.H.D.=10%, R _L =4 Ω |
| | | | | P _O | ~9.0 ~ | 7.5 (W) | | T.H.D.=10%, P _L =2 Ω |
| | | | | T.H.D. | ~0.05 ~ | 0.05 (%) | | P _O =0.5W, R _L =4 Ω |
| | | | | T.H.D. | ~0.06 ~ | 0.06 (%) | | P _O =1W, R _L =2 Ω |
| | | | | A _{vo} | ~80 ~ | 78.5 (dB) | | R _L =4 Ω |
| | | | | A _v | 39.5~40 ~ | 40.5 40 (dB) | | R _L =4 Ω , P _O =0.5W |
| | | | | NL | ~0.4 ~ | 0.4 (mVr.m.s.) | | R _G =0 |
| R _i | 70~150 ~ | 150 (k Ω) | | | | | | |
| SVR | ~-39 ~ | -39 (dB) | R _L =4 Ω , R _L =10k Ω , fripple=100Hz, Vripple=0.5V | | | | | |

Channel Selector

| Type No. | Use | Circuit Description | Supply Voltage (V) | Electrical Characteristics | | | Package Outline | |
|---------------|--------------------|--|--------------------|---|---------------------------------------|----------|--------------------|--|
| μ PC1009C | 4-Channel selector | <ul style="list-style-type: none"> Potentiometer switch Channel indicator circuit Channel hold circuit Input signal amplifier Initial setting circuit | 9~28 | (T _a = 25°C, V _{18~20} , V _B = 24V, R _B = 3.9k Ω , V ₁ = 24V) | | | 20-pin DIP K | |
| | | | | $\Delta V_{11,13}$ | 1.0~ | ~1.7 (V) | | Remote control input voltage |
| | | | | V _{C(ON)} | ~0.06 ~ | ~0.1 (V) | | Channel selector terminal saturation voltage |
| | | | | I _a | ~100 | (nA) | | Sensor input current |
| | | V _{b(sat)} | ~0.9 ~ | ~2.0 (V) | Indicator terminal saturation voltage | | | |