Tel:886-2-66296288
Fax:886-2-29174598
URL: http://www.princeton.com.tw

DESCRIPTION

PT2313H is a four-channel digital control audio processor utilizing CMOS technology. Volume, Bass, Balance, Front/Rear Fader Processor, Selectable Input Gain are incorporated into a single chip having the highest performance and reliability with the least external components. All functions are programmable using the I^2C Bus. PT2313H is housed in 28-pin SOP package. The 28-pin version provides additional Two Band Tone Control and Loudness Function and is pin-to-pin compatible with TDA7313. Pin assignments and application circuits are optimized for easy PCB layout and cost saving advantages.

FEATURES

- CMOS technology
- Least external components
- Treble and bass control
- Loudness function
- 3 Stereo inputs with selectable input gain
- Input/output for external noise reduction system/equalizer
- 4 independent speaker controls for fader and balance
- Independent mute function
- Volume control in 1.25dB/step
- Low distortion
- Low noise and DC stepping
- Controlled by I^2C bus micro-processor interface

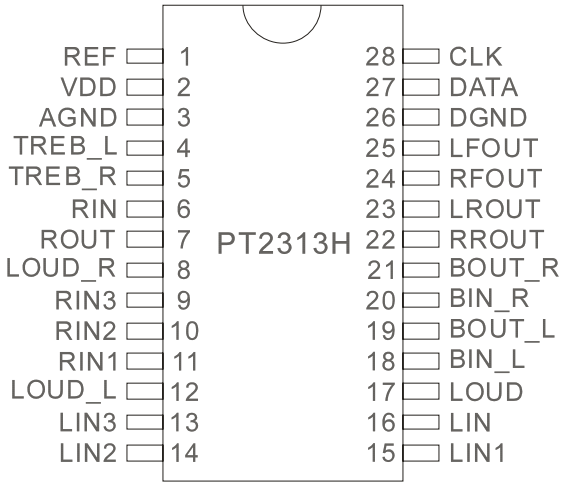
APPLICATIONS

- Car stereo (Audio)
- Hi-Fi audio system
- Purchase of I^2C component of Princeton Technology Corporation (PTC) conveys a license under Philips.

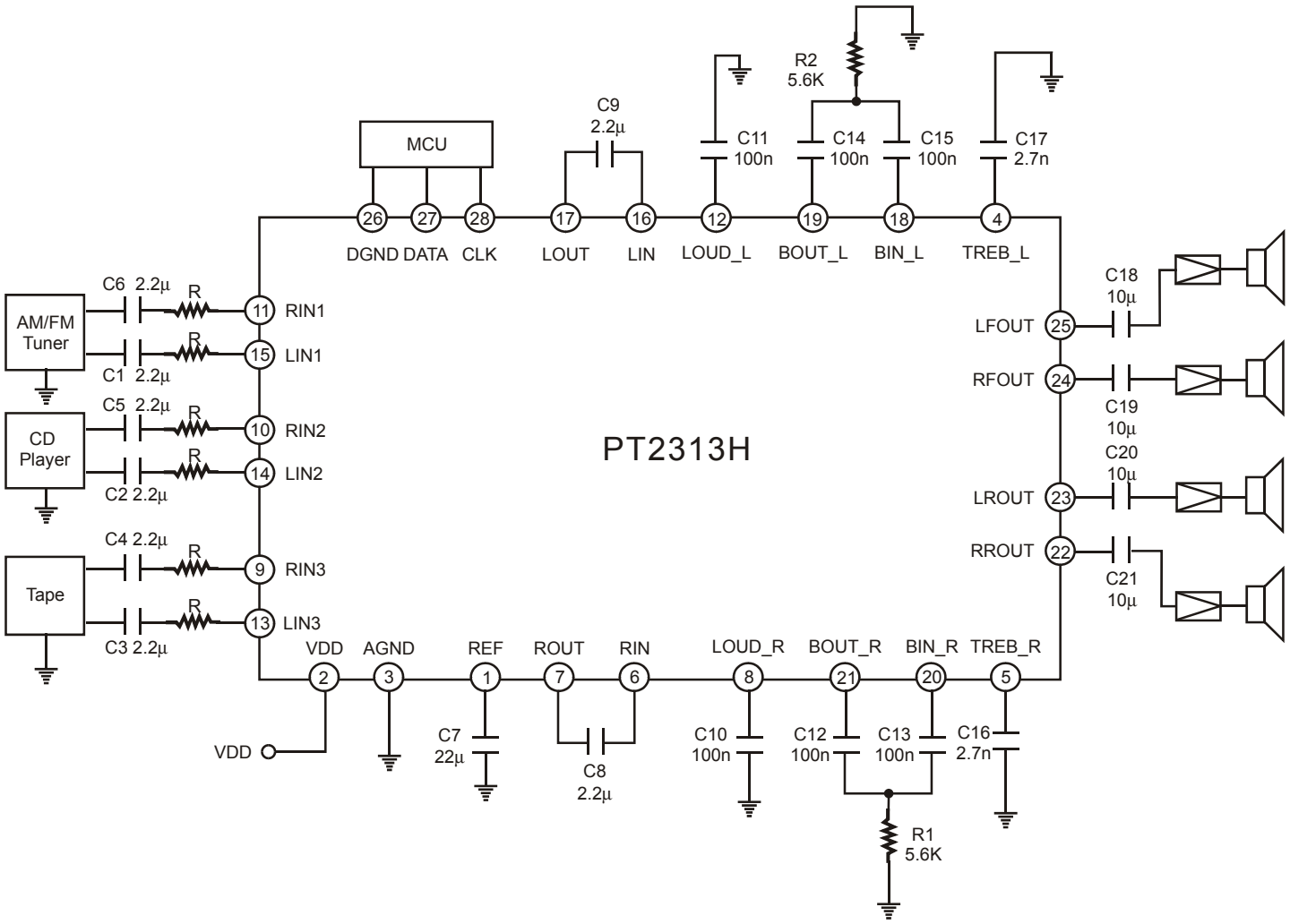
*I^2C Patent Right to use these components in any I^2C System, provided that the system conforms to the I^2C Standard Specification defined by Philips.

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PIN CONFIGURATIONS



APPLICATION CIRCUIT



Note: Resistor (R) Recommended Value=1KΩ

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ORDER INFORMATION

Valid Part Number	Package Type	Top Code
PT2313H	28 Pins, SOP, 300mil	PT2313H