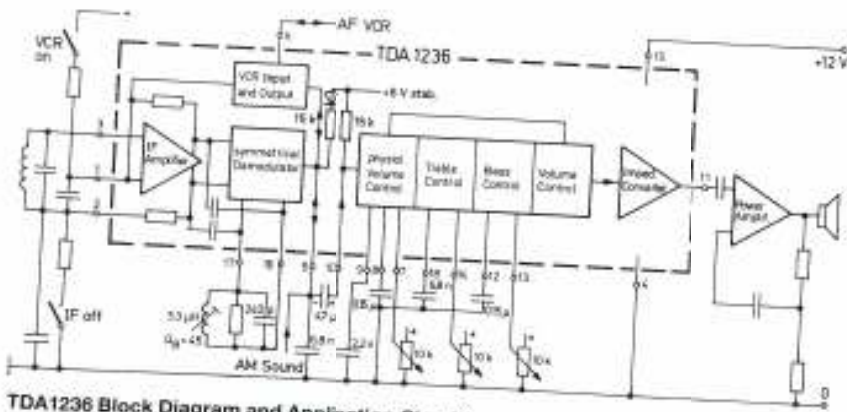


TDA1236 Sound Channel IC for TV Receivers (18-Pin Plastic Package)

Bipolar integrated circuit for the sound channel of TV receivers. The device comprises a symmetrical IF amplifier with excellent limiting properties, a symmetrical coincidence demodulator, a volume control circuit featuring Fletcher-Munson characteristics, bass and treble control, and an impedance converter output stage for directly driving a power amplifier.

The volume control, bass and treble control circuits are d.c. driven, so that only simple linear potentiometers are needed, providing an extremely simple circuit design. Only few external components are needed. When used with a video recorder, the IF amplifier can be rendered inoperative electronically and the AF connection for the VCR can be switched over from record to playback.



TDA1236 Block Diagram and Application Circuit