

General Description

The PSB 2160 ARCOFI provides the subscriber with an optimized audio, ringing, codec, filter processor solution for a digital telephone. It fulfills all the necessary requirements for the completion of a low-cost digital telephone.

Applications

- Voice Terminals and Voice/Data Terminals
- Telephones with PC Interface
- Voice featured PC Cards
- Fax Machines and a/b Terminal Adapter

Type	Package
PSB 2160-N	P-LCC-28-1 (SMD)
PSB 2160-P	P-DIP-24-1

Features

- Applications in digital terminal equipment including a voice path
- Digital signal processing (DSP) performs all CODEC functions
- Fully compatible to the G.714/CCITT specifications
- PCM G.711/CCITT A-Law/ μ -Law and 16-bit linear data
- IOM-2 or SLD serial interface bus
- DTMF, tone and ringing generators
- Separate output for a piezo ringer
- Dual analog inputs for handset and "hands-free" microphones plus an auxiliary differential analog input
- Two sets of differential outputs for a handset earpiece and a loudspeaker
- 100 mW (sine wave) loudspeaker driver capability
- Test and maintenance loopbacks in the analog front end and the digital processor
- Low power CMOS technology
- Power consumption active: 150 mW
standby: 100 mW

