



Product Preview

5 Volt supply ISDN PCM Codec/Filter MOS Digital/Analog

The MC145480 is a Codec/Filter, Mu-A law pin selectable, which performs voice digitization and reconstruction as well as the band limiting and smoothing required for PCM systems.

It only requires a 5 volt power supply and generates internally a mid-supply level (Analog Ground). It is designed to operate in both synchronous and asynchronous, short or long frame format.

It is also designed to operate in an *ISDN I/O mode*, when it will communicate with either B channel of an IDL or GCI ISDN interface.

- Fully differential analog circuit design for lowest noise
- On-chip precision voltage reference
- Four terminal fully differential, uncommitted power amp for receive gain adjustment
- Mu-A law pin selectable
- 20-pin package in plastic DIP and SOIC

