

General Description

The MTSL-16 is an upward compatible device to the MTSL. The MTSL-16 supports 16-MHz clocking and switching capability of 1024×1024 time-slots.

Features

- Upward compatible to MTSL
- Time/space switch for 2048-, 4096-, 8192- or 16384-kbit/s PCM systems
- Different modes programmable for input and output separately (2048-, 4096-, 8192- or 16384-kbit/s or mixed mode)
- Switching of up to 1024 incoming PCM channels to up to 1024 outgoing PCM channels
- Configurable for a 8192-kHz or 16384-kHz device clock
- 16 input and 8 output PCM lines
- Constant frame delay for switching of wideband data, e.g. ISDN H-channels or minimized delay for voice applications

Type

PEB 2047-16-N

Package

P-LCC-44-1 (SMD)

- Tristate function for further expansion and tandem operation
- μ P access to PCM data
- Programmable clock shift with half clock step resolution for input and output
- Individual line delay measurement and clock shift mechanism for 8 PCM inputs
- Built-in selftest
- 8-bit Motorola or Intel type μ P interface
- Advanced low power 1- μ CMOS technology
- Single 5-V-power supply

