

TF-9242

4-port Fax Communication Board

TF-9242 is a PCI bus board that provides FAX communications through SCSA local bus. It combines 4 independent 14400 bps Group-3 FAX modems in a single board. Without supporting a Trunk interface, the TF-9242 can not work alone. It is to be used in conjunction with a TX-0408 or TX-1200 directly to supply voice processing function. Through a polling and shared memory technique, up to 16 TF-9242 boards can operate simultaneously in a single system, support maximum 64lines.

Drivers /API

- Drivers for Windows NT/2000
- DLL type driver supports almost all kinds of programming languages
- API for C, VB are available

FEATURES & BENEFITS

- Provides 4 independent fax ports per board
- On-board CPU and SRAM to ensure system performance
- DTMF or Pulse dialing
- Call progress (busy, dial, ring back) detection
- Compatibility: ITU(CCITT) G3, G2, V.29, V.21, T4, T30
- Resolution
 - STD mode: 200 dpi (H) x 100 dpi (V)
 - Fine mode: 200 dpi (H) x 200 dpi (V)
- 14400 bps send/receive fax auto call back to 9600/4800/2400 bps
- Jumperless address setting
- Expands to a maximum of 16 boards to support 64 fax ports
- Supports SCSA bus switching
- Caller ID receiving (trunk interface)

TECHNICAL SPECIFICATIONS

Host Interface:

- Bus: PCI 32bit bus
- Shared Memory: 32 Kbte SRAM on each TX-9242
- Interrupt: INTA
- Maximum Number of Boards Per System: 16

Analog Trunk Interface:

- Loopstart
- Loop current drop detection
- Loop voltage polarity reverse detection
- Loop current: 20 -- 120mA polarity sensitive
- Impedance: 600 ohm nominal
- Frequency response: 200 -- 3400 Hz
- Ring detection: 30 Vrms -- 140 Vrms (16 -- 68 Hz)
- Pulse dialing: 10/20 PPS, M/B ratio 33/66, 40/60 selectable
- Modular phone jack with 1 RJ-45 outlet
- Caller ID receiving: Bellcore GR-30-Core

Switching bus

- SCSA bus: One 26-pin connector to standard SCSA bus

APPLICATIONS

- Fax server
- Fax on Demand
- Fax Broadcast
- Fax notification system