

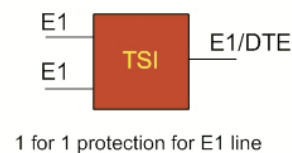
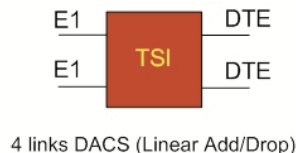
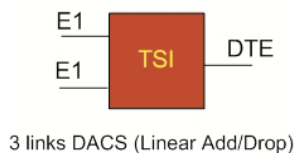
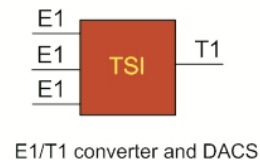
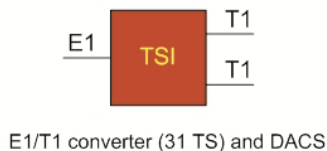
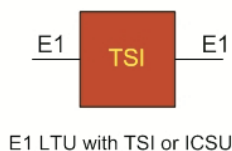
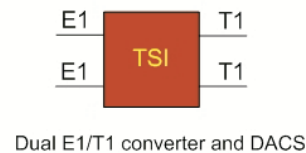
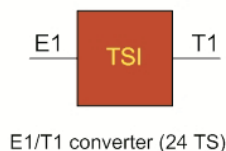
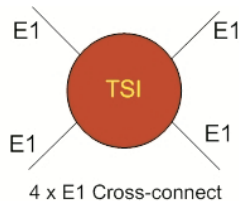
CC-1004

Mini DACS E1/T1 converter

Features

- ✓ 2, 3, or 4 ports, E1, T1, or DTE (2 DTE Max)
- ✓ For E1/ T1, each DS0 time slot from any port can be assigned to any DS0 time slot of any other port
- ✓ For E1/ T1, each DS0 can be designated as a 64 Kbps clear channel, or as a voice channel
- ✓ Full translation of digitized voice between T1 and E1, including A law to μ law and signaling bits association
- ✓ 2-line by 16-character LCD for maintenance, performance monitoring, and administration
- ✓ Ethernet port for the connection to SNMP and to Telnet
- ✓ Inband Subnet Management facility for remote management through national networks
- ✓ Multicolor LED indicators for each of 4 line interfaces

Applications



Description

CC-1004 Mini DACS E1/T1 converter provides both DS0 and $n \times 64$ Kbps cross-connect between any E1 and T1 ports and E1 to T1 format conversion functions. E1 to T1 conversion include line format, A law to μ law conversion, and signaling bits association. CC-1004 also supports DTE port operating from 56 Kbps to 1984 Kbps, This unit is suitable for applications involving 2 or 4 ports. CC-1004 also supports inband Management, where management data is carried in a DS0 time slot, the same way as user data, traversing national networks.



CC-1004

Mini DACS E1/T1 converter

Product Specification

Network Line Interface (E1)

Line Rate	2.048 Mbps ± 50 ppm
Line Code	AMI / HDB3
Input Signal	ITU G.703
Framing	ITU G.704
Connector	BNC/RJ48C
Output Signal	ITU G.703
Electrical	75 ohm` Coax /120 ohm twisted pair

Network Line Interface (T1)

Line Rate	1.544 Mbps ± 32 ppm
Line Code	AMI / B8ZS
Input Signal	DS-1 from 0 dB to -26 dB w/ALBO
Surge Protection	FCC Part 68 Sub-Part D
Framing Channel)	D4/ ESF/ ESF&T1.403/ NONE (Clear Channel)
Connector	RJ48C
Output Signal	DSX-1, DS-1
Pulse Template	Per AT&T TR 62411

DTE Interface (V.35)

Data Rate	n x (56 or 64) Kbps (n = 1 - 31)
Connector	DB25S for V.35

Performance Monitor

Performance Store	E1: Last 24 hours performance in 15 minutes interval register and last 7 days in 24 hours summary T1: The last 24 hours performance in 15-minute intervals
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Monitor Registers	E1: Line, user T1: Line, user
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Performance Reports	E1: Reports include Date&Time, Error Second, Unavailable Second, Bursty Error Second, Severe Error Second, Degraded Minutes, and Controlled Slip Second. Also available in Statistics (%) T1: Reports include Date&Time, Error Second, Unavailable Second, Bursty Error Second, Severe Error Second, Controlled Slip Second, and Loss of Frame Count
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Alarm History	Reports include Date&Time, Alarm Type (i.e. Master Clock Loss, Yellow Alarm, AIS, LOS, BPV, ES, CSS), and Location (i.e. line, PORT A, B, C, D)
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Alarm Queue	Contains 40 alarm records which record the latest alarm type, location, and Date&Time
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Alarm Relay

Alarm Relay	Normally closed Fuse alarm and performance alarm
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Protection

1 for 1	Port B can be configured to protect Port A Port A can be configured to protect Port B
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Network Management

Console Port

Connector	DB9 at Front Panel
Electrical	RS232 interface
Protocol	Menu driven VT-100 terminal

Ethernet Port

Connector	RJ45 in rear
Protocol	Telnet (VT100) and Embedded SNMP

Inband Management

Any 64 Kbps DS0 can be assigned for management

Voice Channel Conversion

A-law to μ -law G.711

Signaling bits ABCD are converted using user configurable conversion table

Diagnostics Test

Loopback	Line Loopback, Payload Loopback, Local Loopback, and DTE Loopback
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Front Panel

Keypad ENTER	4 keys: left arrow, right arrow, ESC, and ENTER
LCD	2-line by 16-character
LED Alarm	6: Power, Port A, Port B, Port C, Port D,

Physical/Electrical

Dimensions 7 7 /8" (WxHxD)	22.5 x 4.5 x 20 cm, 8 7 /16" x 1 3 /4" x
Temperature range	0°C -50°C
Power Watts	20-72 Vdc / 100-240 Vac, 50/60 Hz, 10
Fuse	250V, 800mA
Humidity	0%-95% RH (non-condensing)
Mounting	Desk-top stackable, 19/23 inch rack mountable, two units side-by-side

