



KEY FEATURES

- ▶ 16C554 buffered UART with 16-byte FIFOs
- ▶ Data rates to 460.8K bps
- ▶ All modem control signals implemented
- ▶ 40-pin right-angle header connector
- ▶ Extended temperature range available (-40°C - +85°C)

DESCRIPTION

The ELK-PC3542 PC/104 serial interface provides four RS-232 serial ports capable of data rates to 460.8K bps. Each RS-232 port implements all modem control signals for maximum compatibility with a wide range of peripherals. The ELK-PC3542 utilizes a 16C554 UART that provides 16-byte Tx/Rx FIFOs. Ordering options allow the choice of UARTs with larger FIFOs, support for custom baud rates, and 9-bit protocols. The software utilities make installation and operation easy.

SPECIFICATIONS

Number of ports	4
Communications chip	16C554
Max. data rate	460.8K bps
Max. data distance	50 feet
Operating temperature	0 - +70°C
Storage temperature	-50 - +105°C
Humidity range	10 - 90% R.H.

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-PC3542	PC/104 RS-232 Serial Interface
ELK-PC3542-SE	PC/104 RS-232 Serial Interface With 16C854 UARTs
ELK-PC3542-SN	PC/104 RS-232 Serial Interface With 16C954 UART
ELK-CA273	40-Pin IDC Ribbon Cable to (4) DB9 Male Connectors, 14" in Length
ELK-CA110	DB37 Male to IDC40 Ribbon Cable 6" in Length
ELK-CA143	DB37 Female to (4) DB9 Male, 36" in Length - for 7402, 7404, 7904, 3440, etc.
ELK-CA222	IDC40 to IDC40 Ribbon Cable, 18" in Length
ELK-TB10	Terminal Block - IDC40 to (4) DB9 Male Connectors - for 354x Multi-Port Interface Adapters
ELK-TB02-KT	Terminal Block Kit - DB37 Male and DB37 Female to 37 Screw Terminals

All Specifications within this document are subject to change without notice.



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