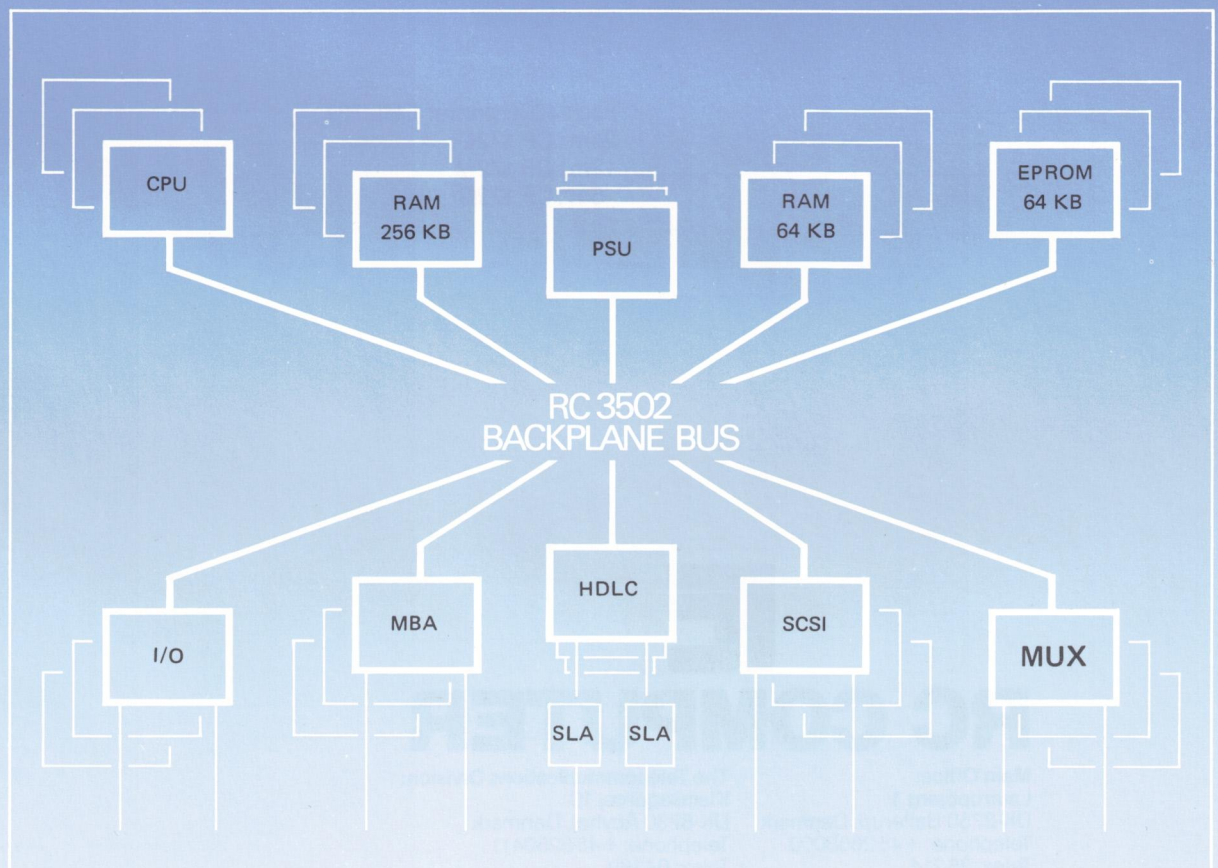


RC3502 DATASHEET

8 CHANNEL ASYNCH. MULTIPLEXER, RC3542

- 8 Full Duplex Communication Ports
- Up to 19.2 Kbit/s
- Individual Port Characteristics, Software Specified
- Error Detection

RC3542 is an 8 channel asynchronous multiplexer for the RC3502 computer system supporting 8 full duplex asynchronous V.24/V.28 communication ports. It connects directly to the RC3502 back plane bus. It provides individual, software selectable data conversion and line characteristics such as baud rates, data size, modes of parity, and number of stopbits.



1. Specifications:

- 1.2 Asynchronous: 5-8 bits characters, break character generation; 1, 1,5 or 2 stopbits; false start bit detection; break character detection.
- 1.3 Baud Rates: Software selectable, bit/s 50, 75, 110, 134,5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600.
- 1.4 Total Throughput Capacity: 20 Kbit/s.
- 1.5 Number of I/O ports: 8, connected via individual connectors, Berg back panel round cable connector 2x5 positions.
- 1.6 I/O Port Interface: CCITT V.24/V.28
- 1.7 Power Consumption: +5V/4,8A max
+12V/0.50A max
-12V/0.12A max
- 1.8 Heat Dissipation: 27 kcal/h = 113 kJoule/h.
- 1.9 Panel Width: 15,24 mm (3T)
- 1.10 Cable Assemblies: Asynchr. terminal, CBL 719.
25m : CF 167L
12m : CF 167M
5m : CF 167S
V.28 modem, CBL 724.
25m : CF 168L
12m : CF 168M
5m : CF 168S
Facit 4070 printer, CBL 737.
25m : CF 172L
12m : CF 172M
5m : CF 172S



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