

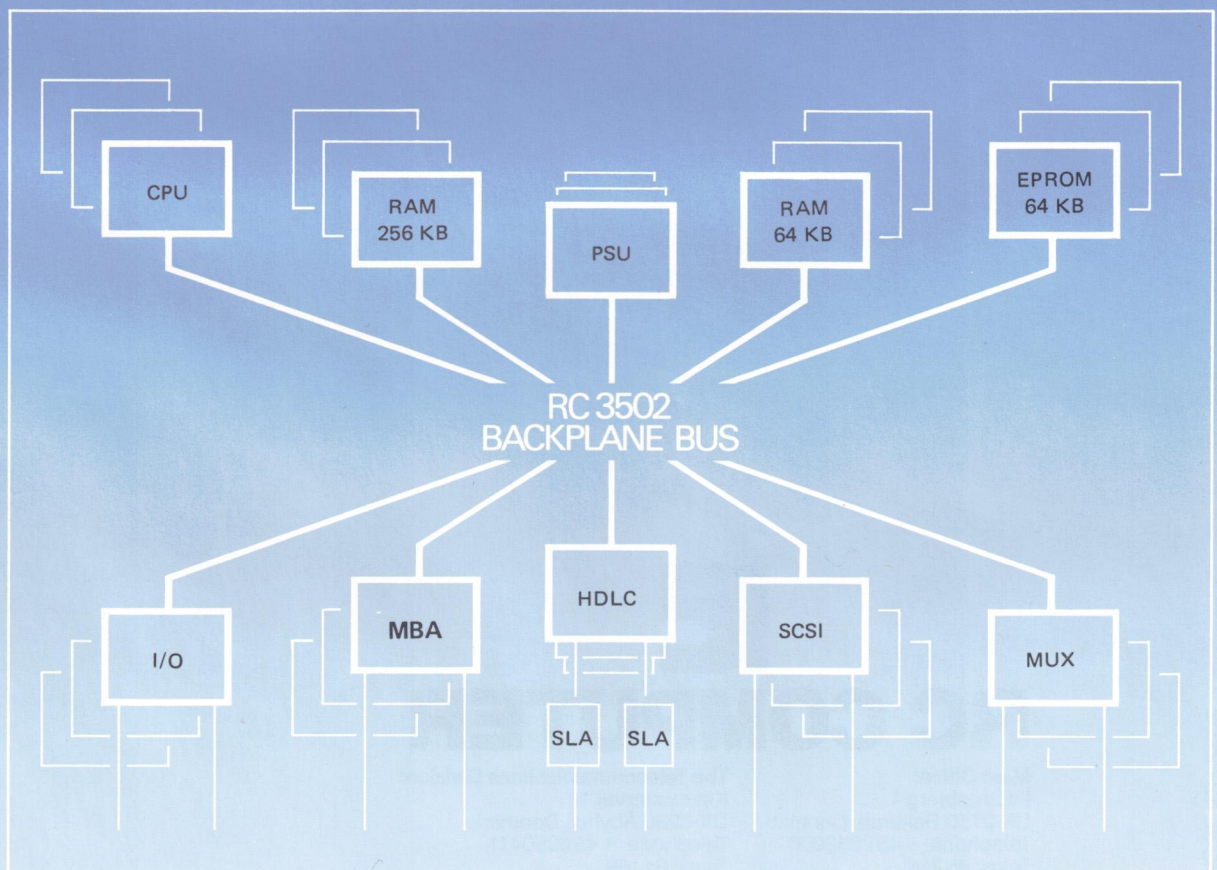
RC3502 DATASHEET

MULTIBUS* ADAPTER, RC3555

- Extends the RC3502 Back Plane Bus to Intel Multibus*
- 400Kbyte/s Word Access Transfer Rate

RC3555 interconnects the RC3502 Backplane Bus and the Intel Multibus*. It provides a means for RC3502, as a master, to handle all units which may be installed in an attached Multibus* chassis. This includes memory device controllers, interfaces, and other masters. Only one RC3555 must be connected to one RC3502 and the latter regards the Multibus* address space as part of its own. Access to the Multibus* is made as a normal memory access.

* Trademark of Intel Corp. USA



1. Specifications:

- | | |
|--|---|
| 1.1 Address Size: | 64 Kbyte to 1 Mbyte |
| 1.2 Address Range: | Startaddress modulus 64 Kbyte from C0.0000 to DE.0000 or from 80.0000 to 9E.0000 |
| 1.3 Access Type: | Word and byte read
Word and byte write |
| 1.4 Transfer Rate: | Word access max. 400 Kbyte/s
Byte access max. 200 Kbyte/s |
| 1.5 Multibus* Mode: | Request: CBREQ or BREQ
Priority: Serial or parallel
Clock: CCLK may be provided. |
| 1.6 Power Consumption: | From RC3502: +5V/2.0A
From Multibus* +5V/2.0A |
| 1.7 Heat Dissipation: | 18 kcal/h = 76 kJoule/h. |
| 1.8 Panel Width in RC3502: | 15.24 mm (3T) |
| 1.9 Card Positions in Multibus* Chassis: | 1 |
| 1.10 Cable Assemblies: | RC3555L: CBL 958, length 12 m
RC3555M: CBL 951, length 5 m
RC3555S: CBL 950, length 2 m |



RC COMPUTER

Main Office:
Lautrupbjerg 1
DK-2750 Ballerup, Denmark
Telephone: +45 2658000
Telex: 35214

The Telecommunications Division:
Klamsagervej 19
DK-8230 Åbyhøj, Denmark
Telephone: +45 6250411
Telex: 64169