

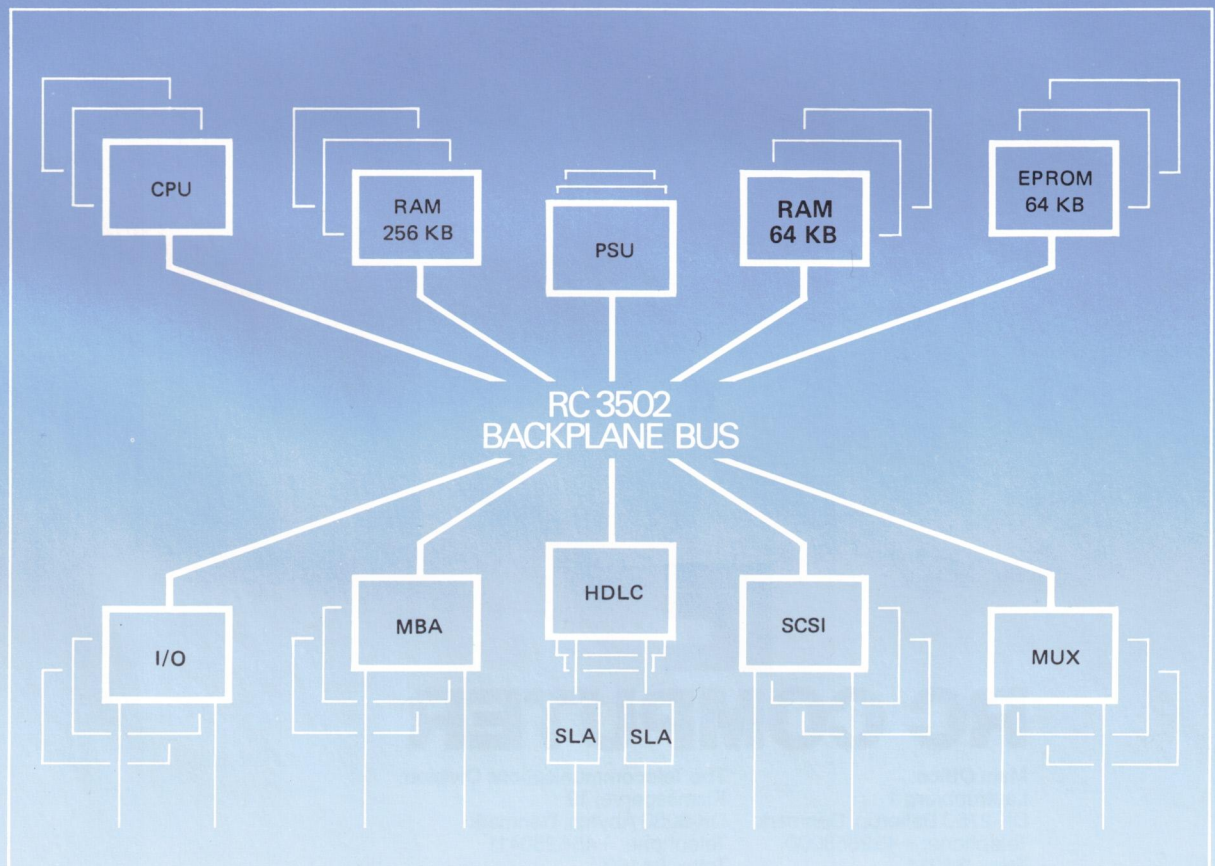
RC3502 DATASHEET

64 KBYTES RAM MODULE, RC3512

■ 64 Kbyte RAM
16Kbyte Optional
EPROM

■ Parity Support
Typical Access Time
550 ns

RC3512 is a memory module for the RC3502 computer system. It holds 64 Kbyte of dynamic RAM with parity support. Optionally up to 16 Kbyte of EPROM may be installed.



1. Specifications:

- 1.1 Organization: RAM: 64 Kbyte organized in 32 Kwords each with 16 data bits and 2 parity bits.
EPROM: Max. 16 Kbyte organized in 8 Kwords each with 16 data bits, optional.
- 1.2 Address Area: RAM: Startaddress modulus 64 Kbyte from C0.0000 to DE.0000.
EPROM: Startaddress modulus 64 Kbyte from E0.0000 to FE.0000, occupies 64 Kbyte, applicable size is up to 16 Kbyte.
- 1.3 Access Types: RAM: Word and byte read.
RAM: Word and byte write.
EPROM: Word and byte read.
- 1.4 Typical Access Time: RAM read: 475 ns
RAM write: 550 ns
EPROM read: 700 ns
- 1.5 Power Consumption: + 5V/2.5A
+12V/0.50A
-12V/0.05A
- 1.6 Heat Dissipation: 17 kcal/h = 72 kJoule/h.
- 1.7 Panel Width: 15.24 mm (3T).



RC COMPUTER

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