

# RC3502 DATASHEET

## PROGRAM MEMORY, 64 KBYTE EPROM, RC3514

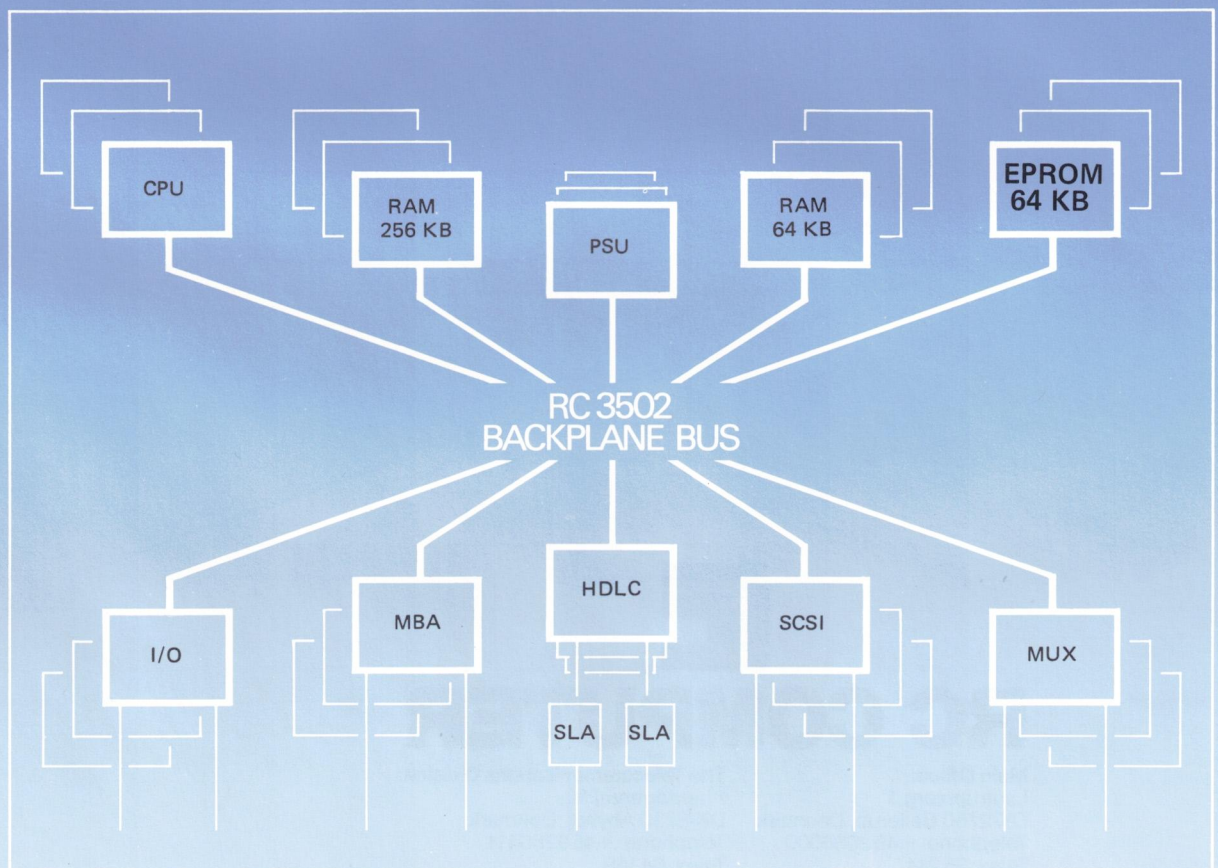
■ 64 kbyte EPROM

■ UV Erasable

■ Software Supported  
In-System Programming

■ Typical Access Time  
500 ns

RC3514 is a UV erasable, electrically programmable read only memory module for the RC3502/RC3503 computer system. The EPROMs on the module can be programmed while located on the printed circuit board, however, an external programming voltage is required. The module connects to the backplane bus as if it were a RAM memory module. The EPROMs can be verified and read by means of all instructions which are able to read/write in a RAM module. The EPROMs can be programmed by means of word instructions.



## 1. Specifications:

1.2 EPROM Types:	TEXAS 2532 or equivalent INTEL 2732/INTEL 2732A or equivalent
1.3 Word Length:	16 data bits
1.4 Capacity:	65536 bytes
1.5 Access Time:	Read access time typ. 500 ns Verify access time typ. 1.2 ns Write time typ. 53.3 ms
1.6 Width of Read Access:	1 word or 1 byte
1.7 Width of Write Access:	1 word
1.8 Operational Modes:	Read/verify/write
1.9 Programming Time:	App. 30 minutes for the entire module
1.10 Power Consumption:	+5V/2.5A max.
1.11 Heat Dissipation:	10 kcal/h = 42 kJoule/h
1.12 External programming Voltage:	+26V DC $\pm$ 1V/200mA for INTEL 2732/TEXAS 2532 EPROMs +22V DC $\pm$ 0.2V/200mA for INTEL 2732 A EPROMs



# RC COMPUTER

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