EPROM/EAROM CASSETTE   VCM 110

Intelligent Terminal Programming Station

Integrated into 'Intelligent CRT Terminals', the programming of cassettes may go hand in hand with the up-to-date possibilities for creating machining data, process data etc.

Handling and Operation

The handy cassette, encased in a robust, injection molded housing, according to the Eurocard format, provided with practical labeling, maintains its extraordinary reliability also under the rough environmental conditions prevailing in machine shops. Handling faults when interchanging cassettes are foreclosed.

Teleprinter Programming Station

This simple programming station allows interactive editing, modifying, copying, listing and assembling of machining data. The properly computed results are transferred to the cassette.

Communication Processor

Work memory (20 Kbyte RAM) and memory for system software (8 Kbyte EPROM) are permanently incorporated. The cassette contains the customer specific applications software (24 Kbyte EPROM). The advantages for planning, sales and maintenance are apparent.

Integration into LSI-11* Systems (*TM DEC)

Complete memory system, mechanically and electrically designed to fit the Q-Bus, its width of 5.2" requiring the space of three plug-in cards. This unit occupies the memory address space ranging from 0 to 56 Kbyte (i.e. up to 28 Kbyte as system memory - EPROM/RAM mixed according to requirements - and up to 28 Kbyte as cassette memory). Available programming functions are covered by an additional card.

Numerical Control System

The memory for the control program (16 Kbyte EPROM) and the associated work memory (8 Kbyte RAM) are permanently incorporated. The cassette (4 to 24 Kbyte EPROM) serves as "electronic template" for the machining of the work pieces. Reliability and most simple handling are characteristic.

Erasing

Erasing the EPROM-Cassettes is simple and handling is unproblematic. By removing the adhesive labels or the labeling pocket respectively, the freed openings allow the exposure to the UV-light source. Erasure of EAROM-Cassettes takes place with the cassette plugged-in.

System Scheme

Normally the cassette is operating as "random-access memory" and it occupies a part of the system address range. This leads to particular advantages like simple hardware and software, high processing speed, direct addressability etc.

Integration into Euro-Card Systems

Mechanically conforming to standard card magazines for single Euro-card format (100 x 160 mm), requiring 9 raster spaces. Electrically it is conceived to suit various memory bus-schemes (8 bit, 16 bit, etc.). Versions are available in read-only and read/write.