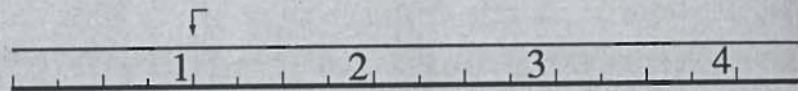


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THE
ILLUSTRATED
DICTIONARY OF
MICROCOMPUTERS
THIRD EDITION

michael f. hordeski



The Illustrated Dictionary of Microcomputers covers such areas as Desktop Publishing; font style, software packages, CAD/CAM/CIE/CIM; graphics and other techniques, Word Processing; terms such as hard break, header/footer, orphans, just to name a few

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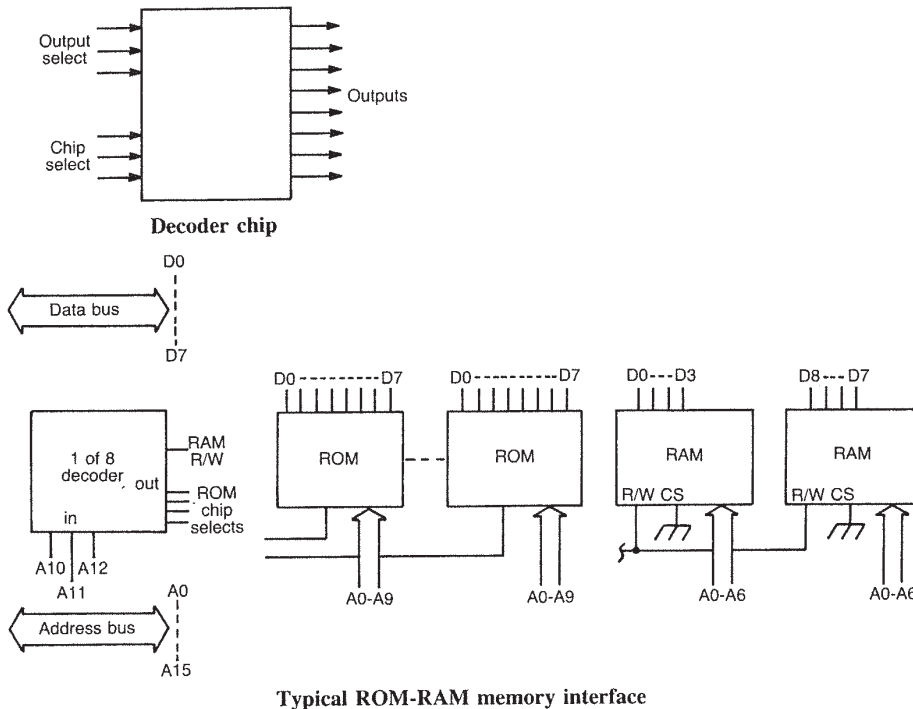
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Typical ROM-RAM memory interface

which the contents are decreased. Usually the decrement is a specific part of the instruction word.

dedicated Descriptive of machines, programs, or procedures that are designed, tailored, or reserved for specific uses. A dedicated communications line refers to a leased or private line that is used for a particular communications purpose. A dedicated microprocessor is one that is designed and programmed for a specific application, such as instrumentation, traffic control, or arithmetic calculations.

Dedicated Advanced NetWare A network operating system gives compatibility with DOS 3.1. This allows multiuser software applications developed for DOS 3.1 to run unmodified on NetWare. You also get internal bridging that permits up to four supported networks to bridge through the file server. NetBIOS emulation allows software applications written for IBM networks to run on any hardware that supports NetWare.

Because Advanced NetWare is a multitasking operating system, the file server allows for maximum utilization of processing power when responding to several different requests from users, Advanced NetWare uses such techniques as directory hashing, disk caching and elevator seeking. Advanced NetWare is full compatible with NetBIOS and most software and hardware developed for the IBM PC and Token Ring networks. It also has a security system to prevent unauthorized access to network information.

dedicated channel A specific channel that has been reserved or committed or set aside for a very specific use or application.

dedicated circuit Refers to a communications circuit or channel that has been reserved or committed or allocated for a specific user or use.

dedicated computer A computer that is devoted to a singular processing type activity. For example, a microcomputer used in an NC system is dedicated to machine tool activity.

dedicated line A service offered by the common carriers in which a customer may lease, for exclusive use, a circuit between two or more geographic points.

dedicated microprocessor techniques Refers to specific tasks that are assigned to the microprocessor to maintain its productivity. Instead of the processor waiting for external interruption, it is put to work analyzing the external situation, continuously scanning and testing for inputs. The processor has complete command of the operation knowing when to accept or ignore inputs. These simple but effective techniques reduce the need for expensive and complex interrupt structures.

default A value, parameter, option, or attribute that is assigned by the program or system when another has not been assigned by the user.

default drive The drive that the disk operating system searches for the presence of a program, if no specific drive has been selected.

default font This printer is res panel. Some

default style tem the defaults chart style.

deferred address/deferred entry/e try by passi routine or to from the pro

deferred mainte an existing faults that d program.

deflection yoke contains the

defruiter An ir equipment.

degauser A dev to erase ma

degauss A proc momentaril ranges the to the coil.

degeneracy Re more node:

degradation 1. ability to p under whic

degradation fa mance that system; fo tion in the

deionization T tral state a

DEL In ASCII

delay The amc erated by digit delay

effect of units hav period of minus *t*.

acoustical achieve a

delay circuit or signal

delay counter enough fr

delay device, and to ac another i

delay distort more dif time of e

delayed acce cedures storage (