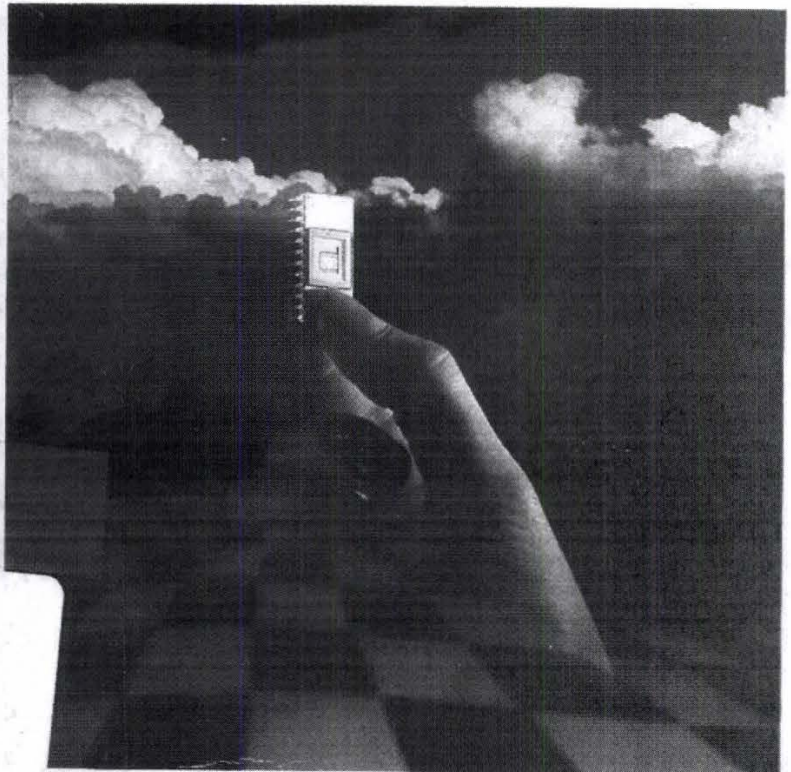


Anthony Chandon



The Penguin Dictionary of
MICROPROCESSORS



EXHIBIT

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time includes all processing between initiation and result, and in the example given would include transmission time to the central computer, processing time at the central computer (including access time to appropriate files) and transmission time back to the terminal.

restart To re-establish the process of *executing a routine* after a *program* or data error or machine malfunction. Restarting usually involves returning to a *checkpoint* placed at appropriate intervals so that, in the event of failure, a job can be resumed without the need to start again at the beginning of the *run*.

restore 1. To set a *counter, register, switch* or *indicator* to its initial condition. 2. To regenerate a charge periodically in a volatile storage medium; synonymous with *refresh*.

result The outcome of an *arithmetic* or *logical operation* performed by an *operator* on one or more *operands*.

retentivity The property of a material to retain magnetic flux.

retrieval The process of searching for, selecting and extracting data contained in a *file* or *files*.

retrieve To carry out *retrieval*.

Also known as *fetch*.

retrofit To change an existing *routine* or system to accommodate a new section or an alteration to an existing section, and to make corresponding changes in related routines or systems.

return address Synonymous with *link*.

return instruction An *instruction* which has the function of returning control to a main *routine* after the execution of a *subroutine*.

reverse bias A voltage applied to a p-n crystal in such a way that the positive terminal is applied to the n section of the crystal and the negative terminal to the p section.

reverse recovery time The time required for the current or voltage to reach a specific state after being switched from a *forward current* condition to a *reverse bias* condition.

reversible magnetic process A process of flux change within a magnetic material whereby the flux returns to its previous condition when the magnetic field is removed.

Also known as *reversible process*.

reversible process Synonymous with *reversible magnetic process*.

rewind To return to the beginning of a *magnetic tape* or *paper tape*.

rewrite To regenerate data in those *storage devices* where the process of *reading* data results in its destruction.

RF Abbreviation for radio frequency.