

# ACRONYMS

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ACM	Association for Computing Machinery
ALU	Arithmetic Logic Unit
ANSI	American National Standards Institute
ASCII	American Standards Code for Information Interchange
BCD	Binary Coded Decimal
CD	Compact Disk
CD-ROM	Compact Disk Read-Only Memory
CISC	Complex Instruction Set Computer
CPU	Central Processing Unit
DRAM	Dynamic Random-Access Memory
DMA	Direct Memory Access
DVD	Digital Versatile Disk
EEPROM	Electrically Erasable Programmable Read-Only Memory
EPIC	Explicitly Parallel Instruction Computing
EPROM	Erasable Programmable Read-Only Memory
HLL	High-Level Language
I/O	Input/Output
IAR	Instruction Address Register
IC	Integrated Circuit
IEEE	Institute of Electrical and Electronics Engineers
ILP	Instruction-Level Parallelism
IR	Instruction Register
LRU	Least Recently Used
LSI	Large-scale Integration
MAR	Memory Address Register
MBR	Memory Buffer Register
MESI	Modify-Exclusive-Shared-Invalid
MIC	Many Integrated Core
MMU	Memory Management Unit
MSI	Medium-Scale Integration
NUMA	Nonuniform Memory Access
OS	Operating System
PC	Program Counter
PCB	Process Control Block
PCI	Peripheral Component Interconnect
PROM	Programmable Read-Only Memory
PSW	Processor Status Word
RAID	Redundant Array of Independent Disks
RALU	Register/Arithmetic-Logic Unit
RAM	Random-Access Memory
RISC	Reduced Instruction Set Computer
ROM	Read-Only Memory
SCSI	Small Computer System Interface
SMP	Symmetric Multiprocessors
SRAM	Static Random-Access Memory
SSI	Small-scale Integration
ULSI	Ultra Large-Scale Integration
VLIW	Very Long Instruction Word
VLSI	Very Large-Scale Integration