

ACRONYMS

for
High Performance Computing

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<u>Acronym</u>	<u>Definition</u>
2-D	Two Dimensional
3-D	Three Dimensional
3DIM	Three Dimensional Image Manipulation
AAA	Advanced Antennas and Arrays (group of Sanders)
AAA	Advanced Avionics Architecture
AAC	Authorization and Access Control (Internet working group)
AACU	Advanced Avionics Crypto Unit
AAED	Advanced Airborne Expendables Decoy (Navy program)
AAIC	Avionics Armament Integration Committee (of SAE)
AAL	ATM Adaptation Layer
AASAS	Advanced Airborne Situation Assessment System
AAST	Advanced Avionics Subsystems and Technology (Navy program)
AATR	Avionics Architecture Technical Review
AAU	Alternate Access Unit
AAW	Anti-Air Warfare
ABET	Ada-Based Environment for Test
ABF	Adaptive Beam Former
ABI	Application Binary Interface
ABI	Avionics Bus Interface
ABIST	Autonomous Built-In Self-Test
ABL	AirBorne Laser (program)
ACE	Access Control Entity
ACE	Advanced Computing Environment
ACEM	Advanced Common Electronics Module (program)
ACF	Access Control Facility
ACL	Access Control List
ACM	Association for Computing Machinery
ACP	Advanced Common Processor
ACPI	Advanced Configuration and Power Interface (for OS power mangement)
ACS	Access Control System
ACS	Adaptive Computing System (DARPA program)
ACTD	Advanced Concept Technology Development (program)
ACVC	Ada Compiler Validation Capability
ACWG	Avionics Commonality Working Group
A/D	Analog-to-Digital (converter)
AD	Access Descriptor
AdaIC	Ada Information Clearinghouse
ADARS	Advanced Defensive Avionics Response Strategy
ADARTS	Ada-based Design Approach for Real-Time Systems
ADAS	Advanced Distributed Aperture System (on JSF program)
ADAS	Architecture Design and Assessment System (from Cadre Technologies)
ADB	Apple Desktop Bus
ADI	Analog Devices Inc.
ADI	Application Device Interface
ADPCM	Adaptive Differential Pulse-Code Modulation
ADR	Advanced Digital Receiver (DARPA program)
ADSL	Asymmetric Digital Subscriber Line (telephone service)
ADSP	Advanced Digital Signal Processor
AEEC	Airlines Electronic Engineering Committee
AEM	Antenna Element Manager
AEP	Application Environment Profile

AESA	Active Electronically Steerable Array
AESB	Avionics Engineering Sub-Board (of JACG)
AE&T	Advanced Engineering and Technology (division of Sanders)
AF	Air Force
AFB	Air Force Base
AFC	Advanced Flight Computing (module)
AFIS	Armed Forces Information Service
AFMSS	Air Force Mission Support System
AFP	AppleTalk Filing Protocol
AGP	Accelerated Graphics Port (of Intel PC architecture)
AGRP	Advanced Ground Reliable Processor
AGU	Address Generator Unit
AH	Authentication Header (in Security Architecture for Internet Protocol)
AHDL	Analog Hardware Description Language
AHFEWS	Army High Frequency Electronic Warfare System
AHP	Analytic Hierarchy Process
AI	Artificial Intelligence
AIEWS	Advanced Integrated Electronic Warfare System (Navy program)
AIFF	Audio Interchange File Format
AIMD	Architecture Interface Model Description (in SGOAA)
AIMS	ATF Integrated Maintenance System (on F-22)
AIN	Advanced Intelligent Network (telephone system)
AIPS	Advanced Intra-pulse Processing System
AIS	Acoustic Intercept System
AIS	Automated Information System
AJPO	Ada Joint Program Office
ALADDIN	Algorithm Adaptive and Diminished Dimension (processor)
AlN	Aluminum Nitride
ALPS	Alternative Low-level Primitive Structures
ALU	Arithmetic Logic Unit
AM	Active Message
AM	Amplitude Modulation
AM	Ante Meridiem (morning)
AMCC	Applied MicroCircuits Corp.
ANDES	Architecture with Non-sequential Dynamic Execution Scheduling (MIPS R10000)
ANDF	Architecture-Neutral Distribution Format
ANL	Argonne National Laboratory
ANSI	American National Standards Institute
AOA	Angle Of Arrival
AOCE	Apple Open Collaboration Environment
AOS	Avionics Operating System
AOSP	Advanced On-board Signal Processor
AP	Adaptive Programming (research area at Northeastern University)
API	Application Program Interface
APIC	Advanced Programmable Interrupt Controller (Intel PC spec)
APM	Advanced Power Management (for x86 chips)
APSIF	Application Software Interface
APU	Arithmetic Processing Unit
ARAGTAP	Automatic Radar Air-to-Ground Target Acquisition Program
ARIN	AOSP RISC INsertion
ARINC	Aeronautical Radio, Inc.
ARL	Army Research Laboratory
ARM	Acorn RISC Machine
ARM	Advanced RISC Machines, Ltd.
ARM	Anti-Radiation Missile

ARP	Address Resolution Protocol
ARPA	Advanced Research Projects Agency (see DARPA)
ARTWG	Ada Real-Time Working Group
ASAP	Airborne Shared Aperture Program
ASC	Accredited Standards Committee
ASC	Advanced Sensors Consortium
ASCI	Accelerated Strategic Computing Initiative (DOE program)
ASCII	American Standard Code for Information Interchange
ASD	Advanced Systems Directorate (of Sanders)
ASD	Avionics System Division
ASDN	Aperture Signal Distribution Network (on JSF program)
ASD/SEE	Aerospace and Defense Software Engineering Environment
ASDSP	Application-Specific Digital Signal Processor
ASEC	Application-Specific Embedded Computer
ASEM	Application-Specific Electronic Module
ASFL	Advanced Sensor Federated Laboratory
ASIC	Application-Specific Integrated Circuit
ASLC	Adaptive Side Lobe Cancellation
ASM	Application System Manager
ASM	Avionics System Manager (on JSF program)
ASMD	Anti-Ship Missile Defense
ASN	Abstract Syntax Notation
ASP	Advanced Signal Processor (IBM UYS-1)
ASPA	Advanced Sonar Processing Architecture (Navy effort)
ASSP	Architecture for Survivable System Processing
ASTOVL	Advanced Short TakeOff and Vertical Landing
ASW	Anti-Submarine Warfare
ATAS	Acoustic Target Acquisition Sensor
ATC	Automatic Target Cueing
ATD	Advanced Technology Demonstration (program)
ATE	Automatic Test Equipment
ATF	Advanced Tactical Fighter (F-22 Air Force program)
ATGM	Anti-Tank Guided Missile
ATIP	Avionics Technology Integration and Prototyping (JAST program)
ATIRCM	Advanced Threat Infrared Countermeasures
ATIRP	Advanced Telecommunications/Information-distribution Research Program
ATLAS	Abbreviated Test Language for All Systems
ATM	Adobe Type Manager
ATM	Asynchronous Transfer Mode (of B-ISDN)
ATM	Automated Teller Machine
ATP	Acceptance Test Procedure
ATP	Advanced Technology Program (of NIST)
ATR	Airborne Transportable Rack
ATR	Automatic Target Recognition
ATS	Air-To-Surface
ATSP	Advanced Technology Support Program
AT&T	American Telephone and Telegraph
ATV	Advanced Television
AU	Astronomical Unit
AVIP	Avionics Integrity Program
AVSEP	Avionics Virtual Systems Engineering Prototype
AVT	Audio/Video Transport (Internet working group)
AVTR	Airborne Video Tape Recorder
AWACS	Airborne Warning And Control System

BAA	Broad Agency Announcement
BASC	Bus Architecture Standards Committee (of IEEE)
BC	Bus Controller
BC	Byte Count (of MessageWay)
BDA	Battle Damage Assessment
BDF	Bitmap Distribution Format (X-windows font format)
BDM	Background Debug Mode
BeO	Beryllium Oxide
BER	Bit Error Rate
BFDSP	Block Float Digital Signal Processor
BFM	Bus Functional Model
BGA	Ball-Grid Array (IC package)
BGP	Border Gateway Protocol
BiCMOS	Bipolar CMOS (IC process)
BIM	Bus Interface Module
BIOS	Basic Input/Output System
BIPS	Billions of Instructions Per Second
B-ISDN	Broadband Integrated Services Digital Network
BIST	Built-In Self-Test
BIT	Built-In Test
BIU	Bus Interface Unit
BLT	BLock Transfer mode
BMDO	Ballistic Missile Defense Organization
BMM	Bulk Memory Module
BOF	Birds Of a Feather (meeting)
BONeS	Block Oriented Network Simulator (from Comdisco)
BOPS	Billion Operations Per Second
BPM	Basic Processor Module (in TI's Aladdin processor)
BSC	Beam Steering Computer
BSDI	Berkeley Software Design, Inc.
BSI	Backplane Signaling Interface (on JSF program)
BSI	Backplane Signaling Interrupt (signal)
BSP	Board Support Package (software tool)
BTL	Backplane Transceiver Logic
BTS	Benchmark Test Suite
BUR	Bottom-Up Review
BVR	Beyond Visual Range
BW	Bandwidth
C	(programming language)
C	Confidential (security level)
C&D	Controls and Displays
CAB	Common Avionics Baseline
CAD	Computer-Aided Design
CAE	Computer-Aided Engineering
CALS	Computer-aided Acquisition and Logistics Support
CAM	Computer-Aided Manufacturing
CAMI	Computer Aided Management, Inc.
CAN	Controller Area Network
CAP	Common Avionics Processor
CAP-16	Common Avionics Processor, 16-Bit (of JIAWG)
CAP-32	Common Avionics Processor, 32-Bit (of JIAWG)
CASE	Common Application Service Elements
CASE	Computer-Aided Software Engineering
CAT	Cammon Authentication Technology (Internet working group)

CAT	Computer-Aided Test
CATS	Common Automated Test System
CAV	Constant Angular Velocity (disk drive technology; see CLV)
CBC	Cipher Block Chaining (DES mode)
CBEMA	Computer and Business Equipment Manufacturers Association
CBIT	Continuous Built-In Test
CBL	Clocked Boolean Logic
CBR	Constant Bit Rate
C ²	Command and Control
CC	Common Component (of CIP)
CCB	Communication Control Block
CCB	Configuration Control Board
C ³	Command, Control and Communications
C ³ I	Command, Control, Communications and Intelligence
C ⁴ I	Command, Control, Computers, Communication and Information
CCD	Charge-Coupled Device
CCI	Common Client Interface
CCI	Controlled Crypto Item
CCITT	Consultative Committee, International Telegraph and Telephone (now ITU-TSS)
CC-NUMA	Cache-Coherent Non-Uniform Memory Access
CCOK	Crypto-Checksum OK
CCR	Commitment, Concurrency, and Recovery
CCS	Command and Control Segment (of the Air Force Satellite Control Network)
CCT	Cable and Computer Technology, Inc.
CD	Compact Disk
CDI	Computing Devices International
CDMA	Code Division Multiple Access (cellular phone transmission protocol)
CDP	Concept Demonstration Phase (on JSF program)
CDPD	Cellular Digital Packet Data
CD-R	Compact Disk -- Recordable
CD-R/RW	Compact Disk -- Recordable/ReWritable
CD-RW	Compact Disk -- ReWritable
CDRL	Contracts Data Requirements List
CD-ROM	Compact Disk -- Read Only Memory (stores about 600 MBytes -- see HD-CD)
CEC	Cooperative Engagement Capability
CELP	Code-Excited Linear Prediction (voice encoding method)
CEMA	Consumer Electronics Manufacturers Association
CEO	Chief Executive Officer
CEP	Cooperative Engagement Processor
CERN	The European Center for Nuclear Research
CERT	Computer Emergency Response Team (of CMU's SEI)
CES	Computing Environment Standard (of CFI)
CF	Central Facility
CFAR	Constant False Alarm Rate
CFB	Cipher FeedBack (DES mode)
CFI	CAD Framework Initiative (consortium)
CGI	Common Gateway Interface
CGS	Code Generation System (from Comdisco)
CHAMP	Canard Homing Artillery Modular Projectile
CHAMP	Configurable-Hardware Algorithm-Mappable Processor
CHESS	Correlated Hopping Enhances Spread Spectrum
CHI	CERN Host Interface
CHPC	Center for High Performance Computing (at WPI)
CHRP	Common Hardware Reference Platform (for PowerPC)
CIA	Central Intelligence Agency

CICC	Custom Integrated Circuits Conference
CIDR	Classless Inter-Domain Routing (of the Internet)
CIDS	Component Information Dictionary Standard
CIE	Commission International de l'Eclairage (source of XYZ color model)
CIFS	Common Internet File System (Microsoft)
CIK	Crypto Ignition Key
CIP	Common Integrated Processor (Hughes)
CIPI	Common Integrated Processor Interface (module)
CIPSO	Commercial Internet Protocol Security Option (Internet working group)
CIS	Card Information Structure (for PCMCIA modules)
CISC	Complex Instruction Set Computing
CLF	Common Logic Frame (of EHPSCS program)
CLI	Command Line Interface (to an operating system)
CLNP	Connectionless Transport Protocol (of OSI)
CLUT	Color Look-Up Table
CLV	Constant Linear Velocity (disk drive technology; see CAV)
CM	Compartmented Mode (security)
CM	Configuration Management
CM	Counter Measure
CM	Cryptographic Module
CMD	Countermeasures Division (of Lockheed Sanders)
CMEA	Cellular Message Encryption Algorithm
CMIP	Common Management Information Protocol (Sun software product)
CML	Current-Mode Logic
CMM	Capability Maturity Model (of SEI)
CMOS	Complimentary Metal-Oxide-Semiconductor (IC process)
CMP	Configuration Management Plan
CMP	Console Manager Process
CMU	Carnegie Mellon University
CMW	Compartmented Mode Workstation
CMWS	Common Missile Warning System (program)
CMYK	Cyan, Magenta, Yellow and Black (color ink model)
CNI	Communication, Navigation and Identification
CNRI	Corporation for National Research Initiatives
COB	Chip-On-Board (packaging)
COE	Center Of Excellence
COE	Common Operating Environment
COFDM	Coded Orthogonal Frequency Division Multiplexing
COMA	Cache-Only Memory Architecture
COO	Chief Operating Officer
CORBA	Common Object Request Broker Architecture (of OMG)
COSE	Common Open Software Environment (Unix consortium)
COT	Center Of Technology
COT	Customer-Owned Tooling (for ASIC layout)
COTS	Commercial Off-The-Shelf
CPA	Closest Point of Approach
CPI	Coherent Processing Interval
CPL	Certified Products List
CPLD	Complex Programmable Logic Device
CPT	Common Product Team
CPU	Central Processing Unit
CPMU	Co-Processor Memory Unit
CRAD	Contracted Research and Development
CRC	Cyclic Redundancy Check
CRC	Cyclic Redundancy Code

CSC	Computer Software Component
CSCI	Computer Software Configuration Item
CSI	Common Sensor Interface
CSI	Common Standard Interface (in CIP)
CSM	Central Support Module (in Futurebus+ system)
CSMA/CD	Carrier Sense Multiple Access with Collision Detection (Ethernet)
CSP	Chip-Size Package (for ICs)
CSP	Common Signal Processor (IBM)
CSPI	Computer Signal Processing, Inc.
CSR	Common Source Route (of MessageWay)
CSR	Control and Status Register(s)
CSRC	Context Switching Reconfigurable Computing (DARPA program)
CSRL	Context Switching Reconfigurable Logic
CSS	Content Scrambling System (DVD crypto protocol)
CSSE	Core Support Software Environment
CSU	Computer Software Unit
C&T	Communication and Tracking
CTE	Coefficient of Thermal Expansion
CTI	Computer Telephone Integration
CTT	Center-Tap Terminated (transceiver logic)
CUA	Common User Access
CVE	Co-Verification Environment (Mentor Graphics)
CWG	Commonality Working Group (of JIAWG)
DA	Destination Address (of MessageWay)
D/A	Digital-to-Analog Converter
DAA	Designated Approving Authority
DAB	Digital Audio Broadcasting
DAC	Discretionary Access Control
DAIS	Digital Avionics Information System
DANSA	Demand Adaptive Narrow Sector Antenna
DAO	Data Access Objects
DAP	Data Acquisition Processor
DAP	Directory Access Protocol (OSI standard)
DAQ	Data Acquisition
DARPA	Defense Advanced Research Projects Agency (formerly ARPA)
DARS	Digital Audio Radio Services
DASH	Directory Architecture for Shared Memory (from Stanford U.)
DASP	Distributed Advanced Signal Processing (ARPA program)
DAVIC	Digital AudioVisual Council
DB	Data Block (of MessageWay)
DBS	Direct-Broadcast Satellite
DC	Direct Current
DCA	Defense Communications Agency
DCA	Direct Chip Attach (IC packaging technique)
DCDS	Distributed Computing Design System (from U.S. Army)
DCE	Data Circuit-terminating Equipment
DCE	Distributed Computing Environment (of OSF)
DCT	Discrete Cosine Transform
DDD	Diminished Defense Dollars
DDE	Dynamic Data Exchange
DDN	Data Distribution Network
DDN	Defense Data Network
DDPES	Dual Data Processing Element Server (in Hughes CIP)
DE	Discrete Event (domain in Ptolemy tool)

DEA	Data Encryption Algorithm
DEA	Direct External Access
DECM	Deceptive Electronic Countermeasures
DES	Data Encryption Standard
DFG	Data Flow Graph
DFN	Data Flow Network
DFT	Design For Testability
DFT	Discrete Fourier Transform
DGPS	Digital Global Positioning System
DH	Diffie-Hellman (encryption key management scheme)
DHCP	Dynamic Host Configuration Protocol
DHM	Diagnostic Health and Maintenance
DIA	Defense Intelligence Agency
DIB	Device Independent Bitmap
DIB	Directory Information Base
DID	Data Item Description
DIE	Die Information Exchange (specification)
DIFM	Digital Instantaneous Frequency Measurement
DII	Defense Information Infrastructure
DIN	Deutsche Industrie Norm
DIRCM	Deceptive Infra-Red Counter-Measures
DIS	Defense Investigative Service
DIS	Distributed Interactive Simulation
DIS	Draft International Standard
DISWG	Database Interface Standards Working Group (of NGCR)
DL	Data Length (of MessageWay)
DLL	Data Link Layer
DLL	Dynamic Link Library
DMA	Digital Micro-Architectures (program)
DMA	Direct Memory Access
DMI	Desktop Management Interface
DMS	Defense Message System (DoD program)
D/NAPS	Day/Night Adverse Weather Pilotage System
DNE	Data Network Element
DNI	Detailed Network Interface
DNS	Domain Name Service
DoD	Department of Defense
DOE	Department of Energy
DOORS	Dynamic Object Oriented Requirements System (software tool)
DOS	Disk Operating System
DP	Data Processor
DPE	Data Processing Element (module)
DPCR	Data Processor and Controller
DPESU	Data Processing Element Start-Up (software)
DQ	Data Queue
DQDB	Distributed Queue Dual Bus (IEEE P802.6)
DR	Design Representation (CFI standard)
DRAM	Dynamic Random Access Memory
DRC	Distributed Reliable Computing
DRDS	Dynamic Reconfiguration Demonstration System (NAWC program)
DRF	Digital Radio Frequency
DRFM	Digital Radio-Frequency Memory
DRTE	Distributed Run Time Environment
DSA	Digital Signature Algorithm
DSC	Document Structuring Convention (of Adobe's PostScript)

DSD	Defense Systems Division (of Lockheed Sanders)
DSInet	Defense Simulation Internet (of ARPA)
DSL	Digital Subscriber Line (telephone service)
DSM	Distributed Shared Memory
DSP	Digital Signal Processing
DSP	Digital Signal Processor
DSPE	Dual Signal Processing Element (Hughes)
DSQ	Data Synchronization Queue
DSS	Data Set Slot
DSS	Decision Support System
DSS	Digital Signature Standard
DSSC	Distributed Services Steering Committee
DSSID	Data Set Slot IDentification
DST	Data Synchronization Table
DSUP	Defensive System Upgrade Program
DSVD	Digital Simultaneous Voice and Data
DTC	Data Transfer Cartridge
DTC	DeskTop Conferencing
DTD	Data Transfer Device
DTE	Data Terminal Equipment
DTE	Data Transfer Equipment
DTI	Debug Trigger Interrupt (signal)
DTIC	Defense Technical Information Center
DTM	Data Transfer Module
DTU	Data Transfer Unit
DVD	Digital Versatile Disk
EBC	Electronic Business Co-op
EBCDIC	Extended Binary Coded Decimal Interchange Code
EBX	Embedded Board eXpandable (Motorola specification)
EC	Electronic Combat
EC	Error Correction
ECA	Electrically Conductive Adhesive
ECAD	Electronic Computer-Aided Design
ECB	Electronic CodeBook (DES mode)
ECB	Element Control Bus
ECC	Error Checking and Correction
ECCM	Electronic Counter-CounterMeasures
ECI	Electronic Component Information
ECL	Emitter-Coupled Logic (IC process)
ECS	Electronic Systems Center (of the Air Force)
ECSA	Exchange Carriers Standards Association
ED	Error Detection
EDA	Electronic Design Automation
EDAC	Error Detection And Correction
EDCS	Evolutionary Design of Computer Systems (DARPA program)
EDD	Electronic Document Distribution
EDE	Electronic Design Environment
EDE	Emulation/Development Environment
EDE	Engineering Design Environment
EDI	Electronic Data Interchange
EDIF	Electronic Design Interchange Format
EDO	Extended Data Out (DRAM architecture)
EDP	Electronic Data Processing
EDRAM	Enhanced Dynamic Random Access Memory

E/E	End-to-End
EEE	End-to-End Encryption
EEE	Electrical, Electronic and Electromechanical
EEI	External Environment Interface
EELV	Evolved Expendable Launch Vehicle (program)
EEP	End-to-End Protocol (of MessageWay)
EEPROM	Electrically Erasable Programmable Read Only Memory
EES	Escrowed Encryption Standard (of Clipper chip)
EFA	European Fighter Aircraft
EFF	Electronic Frontier Foundation
EFW	Enterprise FrameWork (of RASSP program)
EGP	Exterior Gateway Protocol
EHPSCS	Embedded High-Performance Scalable Computing Systems (program)
EI	Error Indication (of MessageWay)
EIA	Electronics Industry Association
EID	Extended IDentification
EIGRP	Extended Interior Gateway Routing Protocol
EINet	Enterprise Integration Network
EIO	External Input/Output (element)
EIS	Executive Information System
EISA	Extended Industry Standard Architecture (80386 bus)
EIT	Enterprise Integration Technologies (corporation)
EITO	European Information Technology Observatory
EKMS	Electronic Key Management System
EL	Extension Language (CFI standard)
ELJ	Expendable Laser Jammer
ELX	Embedded Local Executive (from Digital Equipment Corporation)
EM	Extended Memory
EM-bus	Extended Memory Bus
EMCOT	ElectroMagnetics Center of Technology (of Sanders)
EMD	Engineering and Manufacturing Development
EMI	Electro-Magnetic Interference
eMPI	Embedded Message-Passing Interface
EMSP	Enhanced Modular Signal Processor (AT&T UYS-2)
EO	Electro-Optic
EOF	End Of File
EPA	Environmental Protection Agency
EPAT	Entry Point Address Table
EPCOT	Embedded Processors Center of Technology (changed to HPCCOT)
EPI	Engineering Process Improvement
EPLD	Erasable Programmable Logic Device
EPROM	Erasable Programmable Read-Only Memory
EPS	Electrical Power System (on JSF program)
EPS	Embedded PostScript (file format)
ERGM	Extended Range Guided Munition
ERIM	Environmental Research Institute of Michigan
ESA	Electronically Scanned Array (radar)
ESAP	Evolution of Software through Adaptive Programming (Northeastern research)
ESD	Electro-Static Discharge
ESDA	Electronic System Design Automation
ES-IS	End System to Intermediate System (routing protocol)
ESM	Electronic Support Measures
ESP	Encapsulated Security Payload (in Security Architecture for Internet Protocol)
ESU	Element Supervisor Unit
ETL	Enhanced Transceiver Logic

ETO	Electronics Technology Office (of DARPA)
ETSI	European Telecommunications Standards Institute
EU	European Union
EUV	Extreme Ultra-Violet
EW	Electronic Warfare
EWPE	Electronic Warfare Processing Element (module)
ExSS	Exploration of the Solar System (NASA program)
F2I	Form, Fit, and Interface
F3I	Form, Fit, Function and Interface
FADEC	Full Authority Digital Engine Controller (in F-22)
FAQ	Frequently Asked Questions (on Internet)
FASIC	Function- and Algorithm-Specific Integrated Circuit
FAT	File Allocation Table (on disk)
FB+	Futurebus+
FC	Fibre Channel
FCA	Fibre Channel Association
FC-AC	Fibre Channel - Avionics Environment (working group)
FCCSET	Federal Coordinating Council for Science, Engineering and Technology
FCFS	First Come, First Served
FCLC	Fibre Channel Loop Community (consortium)
FCR	Fault Containment Region
FCS	Frame Check Sequence
FCSI	Fibre Channel Systems Initiative
FDDI	Fiber Distributed Data Interface
FDIR	Fault Detection, Identification, and Recovery
FDIRR	Fault Detection, Isolation, Reporting, and Recording
FDR	Flight Data Recorder (in F-22)
FE	Functional Element
FEA	Fetch, Execute, Access (DSP pipeline architecture)
FEC	Forward Error Correction
FED	Field-Emission Display (flat panel)
FET	Field-Effect Transistor
FFOL	FDDI Follow-On LAN
FFRDC	Federally-Funded Research and Development Center
FFT	Fast Fourier Transform
FIFO	First In First Out
FIPS	Federal Information Processing Standards
FIR	Finite Impulse Response (filter)
FIU	Fiber Interface Unit
FIX	Federal Internet Exchange
FLIR	Forward-Looking Infra-Red
FLIT	FLow unIT (in wormhole routing)
FLOPS	Floating Point Operations Per Second
FMI	Fujitsu Microelectronics Inc.
FNIU	FOTR Network Interface Unit (module)
FOA	Focus Of Attention (image processing algorithm)
FOIRL	Fiber Optic Inter Repeater Link
FOTD	Fiber-Optic Towed Array
FOTP	Fiber Optic Test Procedure
FOTR	Fiber Optic Transmitter/Receiver
FPA	Focal Plane Array
FPCB	Field Programmable Circuit Board
FPDP	Front-Panel Data Port (for signal processing I/O)
FPGA	Field Programmable Gate Array

FPIC	Field Programmable Interconnect
FPLD	Field Programmable Logic Device
FRA	Functional Requirements Analysis
FRAM	Ferroelectric Random Access Memory
FRC	Functional Redundancy Checking
FSA	Fabless Semiconductor Association (industry consortium)
FSCEM	Futurebus+ Small Computer Expandability Module
FSD	Full Scale Development
FSED	Full Scale Engineering Development
FS-X	Fighter Support Experiment (Japan)
FTAM	File Transfer Access and Management
FTP	File Transfer Protocol
FWHM	Full Width Half Maximum (LED optical bandwidth)
FYI	For Your Information (IETF RFC type)
GaAs	Gallium Arsenide
GAP	GBM Application Port (of CIP)
GAPP	Geometric Arithmetic Parallel Processor
GBM	Global Bulk Memory (module)
Gbps	Giga (billion, 10 ⁹) Bits Per Second
GBS	Global Broadcast System
GCCS	Global Command and Control System
GCI	Ground-Controlled Interceptor
GCMOS	Graded-channel Complimentary Metal-Oxide-Semiconductor (IC process)
GDI	Graphical Device Interface
GDMO	Guidelines for Definition of Managed Objects
GDP	Graphics Display Processor
GDT	Global Destination Table
GE	General Electric
GEA	Gigabit Ethernet Alliance (industry consortium)
GE-CRD	General Electric - Corporate Research and Development
GEDAE	Graphical Entry Distributed Application Environment (ARPA program)
GES	Government Electronics Ssystems (Lockheed Martin company)
GFC	Generic Flow Control
GFE	Government-Furnished Equipment
GFLOPS	Giga (billion, 10 ⁹) Floating Point Operations Per Second
GGP	Gateway-to-Gateway Protocol
GIF	Graphic Interchange Format
GILS	Government Information Locator Service (on Internet)
GISWG	Graphics Interface Standards Working Group (of NGCR)
GLAST	Gamma-ray Large-Area Space Telescope (NASA program)
GloMo	Global Mobile (DARPA program)
GLSS	Gate-Level System Simulation
GN&C	Guidance, Navigation and Control
GNU	Gnu's Not Unix (from Free Software Foundation)
GOAA	Generic Open Avionics Architecture (of SAE)
GOMAC	Government Microcircuit Applications Conference
GOPS	Giga (billion, 10 ⁹) Operations Per Second
GOS	Global Operating System
GOSIP	Government Open Systems Interconnection Profile
GPM	Generic Processing Module
GPS	Global-Positioning System
GPS	Guided Projectile System (program)
GPVI	Graphics Processor Video Interface (module)
GSI	Giga-Scale Integration

GSM	Global System for Mobile communications
GTL	Gunning Transceiver Logic
GUI	Graphical User Interface
GVSC	Generic VHSIC Spaceborne Computer (Honeywell)
HAC32	Hughes Aircraft Company 32-bit processor
HAL	Hardware Abstraction Layer (of an operating system)
HARM	High-speed Anti-Radiation Missile
HBI	High Bandwidth Interface
HBIM	High Bandwidth Interface Module
HBT	Heterojunction Bipolar Transistor (IC process)
HCC	High Confidence Computing (system)
HCPLD	High-Capacity Programmable-Logic Device
HD-CD	High Density Compact Disk (stores about 3 GBytes -- see CD-ROM)
HDD	Hard-Disk Drive
HDI	High-Density Interconnect (MCM substrate)
HDL	Hardware Description Language
HDLC	High-Level Data Link Control
HDSL	High-bit-rate Digital Subscriber Line (telephone service)
HEC	Header Error Control
HFC	Hybrid Fiber/Coax
HIBIST	Hierarchical and Integrated Built-In Self-Test
HIC	Heterogeneous InterConnect
HiPer-D	High Performance Distributed demo (DARPA/Navy program)
HIPO	Hierarchy plus Input-Process-Output
HIPP	Highly-Integrated Processing and Packaging
HiPPI	High-Performance Parallel Interface
HLA	High-Level Architecture
HLS	Hue, Lightness and Saturation (color graphics art model)
HOL	High Order Language
HOTAS	Hands-On Throttle And Stick
HP	Hewlett Packard
HPC	High Performance Computing
HPC++	High Performance C++
HPCA	High Performance Computing Act (1991)
HPCC	High Performance Computing and Communications (program)
HPCCIT	High Performance Computing and Communications and Information Technology
HPF	High Performance Fortran
HPN	High Performance Network (of NGCR)
HPPI	High Performance Parallel Interface
HPSB	High Performance Serial Bus (IEEE P1394, previously called HSSB)
HPSC	High-Performance Scalable Computing
HPSCS	High-Performance Scalable Computing Systems (program)
HR	Half-Router (of MessageWay)
HRA	High-Resolution Array
HRC	Hybrid Ring Control
HRM	High Reliability Mobile (MCC project)
HSDB	High Speed Data Bus (of JIAWG)
HSDBIM	High Speed Data Bus Interface Module
HSDTN	High Speed Data Transfer Network (of NGCR)
HSSB	High Speed Serial Bus (obsolete name for HPSB)
HSTL	High-Speed Transceiver Logic
HSV	Hue, Saturation and Value (color light model)
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol

HUD	Head-Up Display
HW	Hardware
HWCI	HardWare Configuration Item
I&A	Identification and Authentication
IAB	Internet Architecture Board
IAC	Interagent Communication
IADP	Integrated Avionics Development Program (Navy)
IANA	Internet Assigned Numbers Authority
IAR	Integrated Avionics Rack
IASTED	International Association of Science and Technology for Development
IBIT	Initiated Built-In Test
IBM	International Business Machines
IBO	Instantiable Binary Object
IBOC	In-Band/On-Channel (radio broadcasting system)
IC	Integrated Circuit
ICCP	Inter-Client Communications Protocol (of X-windows)
IC ³ N	International Conference on Computer Communications and Networks
ICE	In-Circuit Emulator
ICF	International Cryptography Framework
ICMP	Internet Control Message Protocol
ICNIA	Integrated Communication, Navigation & Identification Avionics
ICP	Integrated Control Panel
ICP	Integrated Core Processing
ICPTD	Integrated Core Processing Technology Demonstration (on JSF program)
ICS	Integrated Control System
ICU	Interface Control Unit
ICU	ISA Configuration Utility
IC&V	Intelligent Collaboration and Visualization (DARPA program)
ID	IDentification
ID	Interconnection Decoder
IDAS	Integrated Design Automation System (from JRS Research Laboratories, Inc.)
IDE	Integrated Development Environments (company; merged into AONIX)
IDE	Integrated Device Electronics (PC interface bus)
IDEA	International Data Encryption Algorithm
IDECM	Integrated Defensive Electronic CounterMeasures (program)
IDL	Interface Definition Language
IDL	Interface Design Logic
IDPR	Inter-Domain Policy Routing (protocol)
IDQ	Input Data Queue
IDRP	Inter-Domain Routing Protocol
IDS	Integrated Defense System
IDSS	Integrated Diagnostics Support System (Navy program)
IDT	Integrated Device Technology, Inc.
IEC	International Electrotechnical Commission
IEDM	International Electron Devices Meeting
IEEE	Institute of Electrical and Electronic Engineers
IEO	Integrated Electro-Optic (avionics subsystem)
IEOS	Integrated Electro-Optic Sensing (on JSF program)
IEPS	International Electronic Packaging Society
IESG	Internet Engineering Steering Group
IETF	Internet Engineering Task Force
IEWCS	Intelligence and Electronic Warfare Common Sensor
IF	Intermediate Frequency
IFI	Institute For Informatics (University of Oslo)

IFM	Instantaneous Frequency Measurement
IGBT	Insulated-Gate Bipolar Transistor (IC technology)
IGMP	Internet Group Management Protocol
IGP	Interior Gateway Protocol
IGRP	Interior Gateway Routing Protocol (of Cisco)
IIO	Internal Input/Output (element)
IIS	Internet Information Server (Microsoft product)
IKMP	Internet Key Management Protocol
ILP	Instruction-Level Parallelism (of computer code)
ILS	Integrated Logistics support
IMA	Integrated Modular Avionics
IMAP	Internet Mail Access Protocol
IMB	Inter-Module Bus (Motorola IC internal bus)
IMP	Integrated Mission Processing
IMS	Integrated Maintenance System
IMS	International Meta Systems (company)
INE	In-line Network Encryptor
INEWS	Integrated Electronic Warfare System
INFOSEC	Information Systems Security
I-NLSP	Integrated Network Layer Security Protocol
INRIA	French National Institute for Computer Science and Control
INS	Inertial Navigation Sensors (on JSF program)
I/O	Input/Output
IOBD	Integrated On-Board Diagnostics
IOBID	Input/Output Built-In-test Description
IOC	Initial Operational Capability
IP	Image Processor
IP	Instruction Pointer
IP	Intellectual Property
IP	Internet Protocol
IPC	Inter Processor Communication
IPC	Institute for Interconnecting and Packaging Electronic Circuits
IPI	Intelligent Peripheral Interface
IPL	Initial Program Loader
IPng	Internet Protocol, next generation
IPPDPT	Integrated Product/Process Development Team
IPSEC	Internet Protocol SECurity (working group)
IPSP	Internet Protocol Security Protocol
IPT	Integrated Product Team
IPv4	Internet Protocol, version 4 (current version in 1995)
IPv6	Internet Protocol, version 6 (new version in 1996)
IPX	Internetwork Packet eXchange (of Novell networks)
IRAD	Independent Research And Development
IRC	Internet Relay Chat
IRF	Integrated Radio Frequency (avionics subsystem)
IRFS	Integrated Radio Frequency Sensing (on JSF program)
IRMW	Infra-Red Missile Warning
IRQ	Interrupt Request
IRS	Inertial Reference System
IRST	Infra-Red Search and Track
IRTF	Internet Research Task Force (of IETF)
IS	Integer Set (computer performance benchmark)
IS	Interconnect Switch
IS	International Standard
ISA	Industry Standard Architecture (80286 bus)

ISA	Instruction Set Architecture
ISAKMP	Internet Security Association and Key Management Protocol
ISAR	Inverse Synthetic Aperture Radar
ISCP	Improved Space Computer Program (of Phillips Laboratory)
ISD	Information Systems Division (of Lockheed Sanders)
ISDN	Integrated Services Digital Network
ISF	Integrated Systems Facility
ISF	Information Security Foundation
ISHM	International Society for Hybrid Microelectronics
ISI	Integrated Software, Inc.
ISI	Information Sciences Institute (of USC)
ISIS	Innovative Systems In Silicon
IS-IS	Intermediate System to Intermediate System (routing protocol)
ISO	International Standards Organization
ISOC	Internet SOCIety
ISORM	International Standards Organization Reference Model
ISP	Internet Service Provider
ISPE	Interoperable Signal Processing Environment
ISR	Intelligence, Surveillance and Reconnaissance
ISR	Interrupt Service Routine
ISS	Integrated Sensor System
ISS	Interconnect Systems Solution (company with SCI products)
ISS	Instruction Set Simulator
ISSCC	International Solid-State Circuits Conference
ISSMO	International Society for Structural and Multidisciplinary Organization
ITC	InterTool Communication (CFI standard)
ITD	Integrated Technology Demonstration (on JSF program)
ITGI	International TechneGroup Inc.
ITO	Information Technology Office (of DARPA)
ITS	Intelligent Transportation System (smart highway standard)
ITU	International Telecommunications Union
ITU-TSS	ITU Telecommunications Standardization Sector (formerly CCITT)
IV	Initialization Vector (of a cipher block chaining encryption algorithm)
IVR	Interactive Voice Response (system)
IVS	INRIA Videoconferencing System
IVSC	Integrated Vehicle Subsystem Control (in F-22)
IW	Information Warfare
IWSM	Integrated Weapon System Management
IWSP	Integrated Weapon System Planning
IWT	Intercompany Work Transfer (within Lockheed)
IWU	Interworking Unit
JAAD	JSF Avionics Architecture Definition
JACG	Joint Aeronautical Commanders Group
JASA	Joint Airborne Sigint Architecture (program)
JASSM	Joint Air-to-Surface Standoff Missile (program)
JAST	Joint Advanced Strike Technology (fighter program, renamed JSF)
JDAM	Joint Direct Attack Munition
JDF	Joint Defense Force
JEDEC	Joint Electron Device Engineering Council
JEPI	Joint Electronic Payments Initiative (for the Internet)
JFACC	Joint Forces Air Component Commander (DARPA program)
JIAD	Joint Integrated Avionics Directorate (defunct)
JIAP	Joint Integrated Avionics Plan
JIAWG	Joint Integrated Avionics Working Group

JIOS	JIAWG Input/Output System
JIT	Just In Time
JLC	Joint Logistics Command
JMASS	Joint Modeling And Simulation System
JMCATS	JAST Manufacturing Capabilities Assessment Training System
JMCIS	Joint Maritime Command Information System
JOSTF	Joint Open Systems Task Force (of DoD)
JPEG	Joint Photographic Experts Group
JPI-bus	JIAWG Parallel Intermodule Bus
JPL	Jet Propulsion Laboratory (of NASA)
JSAF	Joint Signals-intelligence Avionics Family (program)
JSF	Joint Strike Fighter (formerly JAST)
JSIMS	Joint SIMulation System
JSP	JIAWG Signal Processor
JTA	Joint Technical Architecture
JTAG	Joint Test Action Group
JTC	Joint Technical Committee
JTIDS	Joint Tactical Information Distribution System
JTM-bus	JIAWG Test and Maintenance Bus
JWID	Joint Warrior Interoperability Demonstration (Army exercise)
Kbps	Kilo (thousand, 10 ³) Bits Per Second
KDC	Key Distribution Center
KG	Key Generator
KGD	Known Good Die
KISS	Keep It Simple, Stupid
KISS	Kuiper Integrated Sensor System
KM	Key Management
KMP	Key Management Plan
KW	Kilo (thousand, 10 ³) Words
LADAR	Laser Detection And Ranging
LAMP	Local Area MultiProcessor
LAN	Local Area Network
LAP-B	Link Access Procedure, Balanced
LAP-D	Link Access Procedure, D-channel
LASC	Lockheed Aeronautical Systems Company
LATA	Local Area Transport Authority (telephone protocol)
LAWS	Low-cost Arrays for Warning Sensors (program)
LBA	Logical Block Address
LCC	Life Cycle Cost
LCD	Liquid Crystal Display
LCF	Low-Cost Fiber
LCO	Life Cycle Object
LCP	Low-Cost Package
LDAP	Lightweight Directory Access Protocol (Internet protocol)
LEAF	Law Enforcement Access Field (of Clipper chip)
LEC	Local Exchange Carriers (providing telephone service)
LEC	Lockheed Electronics Company (defunct)
LED	Light Emitting Diode
LEO	Low Earth Orbit (communications satellite)
LERA	Launch Electronics Redundant Architecture
LESC	Lockheed Engineering & Sciences Company
LFT	Liquid Flow Through (module cooling)
LFWC	Lockheed Fort Worth Company

LH	Light Helicopter (Army)
LIDAR	Light Detection And Ranging
LINC	Link Interface Chip (of SCI)
LIS	Language Independent Specification
LITC	Lockheed Information Technology Company
LLC	Logical Link Control
LLSP	Low Latency Signal Processor
LMA	Lockheed Martin Astronautics (Denver)
LM-bus	Local Memory Bus
LMFS	Lockheed Martin Federal Systems (Manassas)
LM-GES	Lockheed Martin Government Electronic Systems (company)
LMI	Lightweight Myrinet Interface
LMSC	Lockheed Missiles and Space Company
LMTAS	Lockheed Martin Tactical Aircraft Systems (company)
LO	Local Oscillator
LO	Low Observable (platform)
LOC	Lines Of Code
LOC	Library Of Congress
LOC	Lead On Chip
LOS	Local Operating System
LPC	Local Procedure Call
LPGA	Laser Programmable Gate Array (by Chip Express Corp)
LPI	Low Probability of Intercept
LPOS	Local Processor Operating System
LPT	Local Page Table
LRC	Longitudinal Redundancy Check
LRD	Laser Ranger/Designator
LRIP	Low-Rate Initial Production
LRM	Line Replaceable Module
LRT	Local Routing Table
LRU	Line Replaceable Unit
LSA	Logistic Support Analysis
LSB	Least Significant Bit
LSI	Large Scale Integration
LSOC	Lockheed Space Operations Company
LSSD	Level-Sensitive Scan Design (DFT approach)
LTLB	Local Translation Look-aside Buffer
LTPMDB	Linear Token Passing Multiplex Data Bus
LVDS	Low-Voltage Differential Signal
LVS	Logic Vision Software (company)
LWP	Light Weight Protocol (of SAFENET)
LWR	Laser Warning Receiver
LZW	Lempel Zev Welch (compression scheme used in GIF)
MA	Modular Avionics
MAC	Mandatory Access Control
MAC	Media Access Control (layer protocol)
MAC	Message Authentication Code
MAC	Multiply-Accumulate
MAFET	Microwave and Analog Front-End Technology (ARPA initiative)
MAN	Metropolitan Area Network
MAP	Multi-ALU Processor
MAP/TOP	Manufacturing Automation Protocol/Technical Office Protocol
MASA	Modular Avionics Systems Architecture
MASA	Multi-Arm Spiral Antenna (on JSF program)

MAU	Medium Attachment Unit
MAV	Micro Aerial Vehicle
MAW	Missile Approach Warning
MAX	Multiple Array matriX (FPGA family by Altera)
MBA	Masters degree in Business Administration
MBA	Multi-Beam Antenna
MBIT	Maintenance Built-In Test
MBONE	Multicast Backbone (of Internet)
Mbps	Millions (mega, 10 ⁶) Bits Per Second
MBV	Model-Based Vision
MC	Micro Channel (of IBM)
MCA	MicroChannel Architecture (IBM 80386 proprietary bus)
MCC	Microelectronics and Computer Consortium (Austin based)
MCCR	Mission Critical Computer Resources
MCLK	MTM-bus CLoCK (line)
MCM	Multi-Chip Module
MCM-C	MCM - Ceramic
MCM-D	MCM - Deposited
MCM-E/F	MCM - Encapsulated / Flex
MCM-L	MCM - Laminate
MCM-V	MCM - Vertical stack
MCNS	Multimedia Cable Network Systems (consortium)
MCOTS	Militarized Commercial Off-The-Shelf (component)
MCP	Myrinet Control Program
MCTL	MTM-bus ConTroL (line)
MCU	Maintenance Control Unit
MCU	Micro Controller Unit
MDC	Manipulation Detection Code
MDI	Multiple Document Interface
MDP	Mission Dependent Processing
MDS	Manned Destructive SEAD
MDS	Message Dictionary Specification (of CFI)
MDSS	Multi-Domain Smart Sensors
MDT	Mean Down Time
MEC	MicroElectronics Center (of Sanders)
MED	Microwave Electronics Division (of Lockheed Martin)
MEI	Modified, Exclusive, Invalid (cache memory protocol)
MEMS	Micro-ElectroMechanical System
MERS	Multifunction Electromagnetic Radiating System (Navy program)
MESI	Modified, Exclusive, Shared, Invalid (memory coherence protocol)
MESM	Modular Electronic Support Measures
MFAU	Multi-Function Arithmetic Unit
MFD	Multi-Function Display
MFL	Macro Function Language (by A. Deerfield)
MFLOPS	Millions (mega, 10 ⁶) of Floating Point Instructions Per Second
MFOTS	Military Fiber-Optic Transmission System (SAE working group)
MFSP	Macro Function Signal Processor (Raytheon)
MH	MessageWay Header
MIB	Management Information Base
MIC	Message Integrity Check
MIDI	Musical Instrument Digital Interface (to PC)
MIDS	Multi-function Information Distribution System (on JSF program)
MIF	Maker Interchange Format (FrameMaker file format)
MII	Media-Independent Interface
MIMD	Multiple Instruction, Multiple Data (processor)

MIME	Multipurpose Internet Mail Extensions
MIMIC	Microwave/Millimeter-wave Monolithic Integrated Circuit (see also MMIC)
MIPS	Millions (mega, 10 ⁶) of Instructions Per Second
MIRFS	Multifunction Integrated Radio Frequency System (of JSF)
MIROM	Module Identity Read Only Memory
MIS	Module Interconnect System
MISSI	Multilevel Information System Security Initiative
MIT	Massachusetts Institute of Technology
MITSI	Module Initialization, Test, and Software Interface
MKF	Multispectral Kinematic Flare
MLD	Missile Launch Detector
MLS	Multi-Level Security
MM	Mass Memory
MMC	Modular Mission Computer
MMC	Module Maintenance Controller
MMD	MTM-bus Master Data (line)
MMDS	Multichannel, Multipoint Distribution Services (broadcast video on Internet)
MMI	Man-Machine Interface
MMIC	Monolithic Microwave Integrated Circuit (see also MIMIC)
MMM	Minnesota Mining and Manufacturing Company
MMW	Millimeter Wave (radar)
MMWS	Modular Missile Warning System
MMX	MultiMedia instruction set eXtensions (standard of Intel)
MO	Magneto-Optical (disk drive technology)
MOE	Measure Of Effectiveness
MOP	Meta-Object Protocol
MOPS	Millions (mega, 10 ⁶) of fixed-point Operations Per Second
MOSAS	Modular Open System Architecture Standard
MOTIS	Message-Oriented Text Interchange System
MP	Matrix Processor
MPAA	Motion Picture Association of America
MPEG	Motion Picture Experts Group
MPI	Message-Passing Interface
MPIF	MPI Forum
MPM	Microwave Power Module
MPMFL	Multi-Processor Macro Function Language
MPOA	Multi Protocol routing Over ATM
MPP	Massively-Parallel Processor
MPR	MTM-bus Pause Request (line)
MPSpec	Multi-Processing Specification (Intel)
MPU	Micro Processor Unit
MR	MagnetoResistive (disk drive technology)
MR	Master Reset
MRC	Mesh Router Chip (of Touchstone program)
MRF	Multi-Role Fighter
MS	Message Store
MS&A	Modeling, Simulation and Analysis
MSB	Most Significant Bit
MSC	Microprocessor Standards Committee (of IEEE)
MSD	MTM-bus Slave Data (line)
MSDRT	Multi-Speed Data Rate Transmission
MSF	Median Subtraction Filter
MSIDS	Marine Surveillance and Intruder Detection System
MSIPT	Mission Systems Integrated product Team (on JSF program)
MSS	Mission Support System

MSU	Mississippi State University
MT	MessageWay Trailer
MT	Monitor Terminal
MTA	Message Transfer Agent
MTA	Multi-Threaded Architecture
MTBCF	Mean Time Between Critical Failures
MTBF	Mean Time Between Failures
MTI	Moving Target Indicator
MTEM	Myrinet Topology Expansion Module
MTM	Module Test and Maintenance
MTM-bus	Module Test and Maintenance Bus (IEEE P1149.5)
MTRE	Missile Test Readiness Equipment
MTS	Message Transfer System
MTTF	Mean Time To Failure
MTTO	Mean Time To Obsolescence
MTTR	Mean Time To Repair
MTU	Maximum Transmission Unit
MVP	Multimedia Video Processor (of TI)
MWS	Missile Warning System
MY	Model Year
NA	Numerical Aperture
NAA	Network Address Authority
NADC	Naval Air Development Center
NAP	Network Attachment Point
NAS	New Attack Submarine
NASA	National Aeronautics and Space Administration
NATO	North Atlantic Treaty Organization
NBMA	Non-Broadcast Multiple Access (network type)
NBS	National Bureau of Standards (now NIST)
NC	Network Computer
NC	Node Controller
NCC	Network Coordination Center (European Internet registry)
NCCOSC	Naval Command Control and Ocean Surveillance Center
NCL	Null Convention Logic
NCSA	National Center for Supercomputing Applications (of the University of Illinois)
NCSC	National Computer Security Center
NCTI	Non-Cooperative Target Identification
NCTR	Non-Cooperative Target Recognition
NCU	Node Control Unit
NDA	Non-Disclosure Agreement
NDI	Non-Development Item
NDP	Name Binding Protocol (of AppleTalk)
NEC	Nippon Electric Company
NES	Network Encryption System
NFOEC	National Fiber Optics Engineers Conference
NFS	Network File System
NGCR	Next Generation Computer Resources (Navy program)
NHRP	Next Hop Resolution Protocol (Internet routing standard)
NI	Network Interface
NIC	Network Information Center (North American Internet registry)
NIC	Network Interface Card
NIC	Network Interface Chip
NIH	National Institute of Health (of Department of Health and Human Services)
NII	National Information Infrastructure

NIIT	National Information Infrastructure Testbed (consortium)
NIR	Near Infra Red
NIST	National Institute of Standards and Technology (formerly NBS)
NISWG	Network Interface Standards Working Group
NIU	Node Interface Unit
NLS	National Launch System
NLSP	Network Layer Security Protocol (of OSI)
NM	New Mexico
NMP	New Media Processor (Sharp chip)
NNI	Network-Node Interface (of ATM)
NNTP	NetNews Transport Protocol
NOAA	National Oceanic and Atmospheric Administration
NOS	Nodal Operating System
NOSC	Naval Ocean Systems Center
NOW	Network Of Workstations
NRE	Non-Recurring Engineering
NREN	National Research and Education Network
NRL	Naval Research Laboratory
NRSP	Non-RF Signal Processor
NRZ	Non-Return to Zero
MRZI	Non-Return to Zero Invert on one
NSA	National Security Agency
NSAP	Network Service Access Point
NSF	National Science Foundation
NSI	NASA Science Internet
NSIS	New Sonar Intercept System
NSP	Native Signal Processing (Intel initiative)
NSS	Network Synthesis System (from JRS Associates)
NSSN	National Standards Systems Network
NSSN	New Attack Submarine (U.S. Navy program)
NSWC	Naval Surface Warfare Center
NT	New Technology (Microsoft's Windows NT)
NTCB	Network Trusted Computing Base
NTDS	Naval Tactical Data System
NTFS	New Technology File System
NTIA	National Telecommunications and Information Administration
NTP	Network Time Protocol
NUDEC	Naval Universal Digital Electronic Controller
NUMA	Non-Uniform Memory Access
NUWC	Naval Undersea Warfare Center
NVBMM	Non-Volatile Bulk Memory Module
NVG	Night Vision Goggles
NVM	Non-Volatile Memory
NVRAM	Non-Volatile Random-Access Memory
NW	Network
OAM	Operations And Maintenance
OAV	Operational Air Vehicle
OBEWS	On-Board Electronic Warfare Simulator
OC	Optical Carrier
ODB	OPNET Debugger
ODBC	Open DataBase Connectivity (interface standard)
ODP	Object Dependent Processing
ODQ	Output Data Queue
OEM	Original Equipment Manufacturer

OFB	Optical FeedBack (DES mode)
OFB	Operational Flight Program
OFC	Optical Fibers Conference
OFSTP	Optical Fiber System Test Practice
OFX	Open Financial eXchange
OID	Object IDentifier
OLAP	On-Line Analytical Processing (Internet messaging specification)
OLE	Object Linking and Embedding
OLR	On-Line Replacement
OLTP	On-Line Transaction Processing
OMAC	Open Modular Architecture Controller (for car factory)
OMG	Object Management Group (software consortium)
OMI	Open Microprocessor systems Initiative
OMI/HIC	OMI Heterogeneous InterConnect
OMT	Object Modeling Technique
ONC	Open Network Computing
ONCRPC	Open Network Computing Remote Procedure Call (Internet working group)
ONR	Office of Naval Research
OOA	Object Oriented Analysis
OOD	Object Oriented Design
OOP	Object Oriented Programming
OOPL	Object Oriented Programming Language
OOOS	Object Oriented Operating System
OPNET	Optimized Network Engineering Tools (from MIL 3)
OPS	Operations Per Second
ORB	Object Request Broker
ORKID	Open Real-time Kernel Interface Definition
ORNL	Oak Ridge National Laboratory
OS	Operating System
OSA	Open Systems Architecture
OSAT	Office of Space Access and Technology (of NASA)
OSE	Open Systems Environment
OSF	Open Software Foundation (consortium)
OSI	Open Systems Interconnection (of ISO)
OSIE	Open Systems Interconnection Environment
OSIF	Operating System Interface
OSN	Optically Switched Network
OSP	Optical Signal Processor
OSPF	Open Shortest Path First (intradomain routing protocol)
OSS	Office of Space Science (of NASA)
OSS	Own Ship Sensors
OSSWG	Operating Systems Standards Working Group (of NGCR)
OSTA	Optical Storage Technology Association
OSTP	Office of Science and Technology Policy (U.S.A.)
OTA	Office of Technology Assessment (U.S.A.)
OTDM	Optical Time Division Multiplexing
OTP	One-Time Programmable (PROM)
OWDM	Optical Wavelength Division Multiplexing
OWL	Orbiting Wide-angle Light-collector (NASA program)
PA	Pilot's Associate (DARPA/ Air Force program)
PABX	Private Automated Branch Exchange
PAC	Plastic Architecture Consortium
PACE	Progressive Avionics Concepts Evaluation (AF Pave PACE program)
PAD	Padding After Data (in a packet)

PAL	Parallel Algebraic Logic (consortium)
PAL	Privileged Architecture Library
PAL	Programmable Array Logic
PALADIN	Prototyping AnaLysis and Augury of Digital-processor-based Instrumented Networks
PAO	Polyalphaolefin
PARC	Palo Alto Research Center (of Xerox)
PASC	Portable Applications Standards Committee (of IEEE)
PBD	Padding Before Data (in a packet)
PBIT	Periodic Built-In Test
PC	Personal Computer
PC	Power Conditioner
PC	Printed Circuit
PC	Program Controller
PCB	Printed Circuit Board
PCB	Process Control Block
PCF	Portable Compiled Format (X-windows font format)
PCI	Peripheral Component Interconnect (Pentium local bus)
PCI	Principle Components Inverse (method)
PCI	Protocol Control Information
PCIS	Pinnacles Component Information Standard
PCM	Pulse Code Modulation
PCMCIA	Personal Computer Memory Card International Association
PCN	Personal Communications Network (of CFI)
PCS	Personal Communications Services (of CFI)
PCS	Personal Communications Showcase (conference)
PCT	Privilege Control Table
PD	Phase-change Disk (rewritable optical storage)
PDA	Personal Digital Assistant
PDF	Portable Document Format (in Adobe's "Acrobat" tool)
PDF	Precision Direction Finding
PDH	Plesiochronous Digital Hierarchy
PDL	Page Description Language
PDL	Program Design Language
PDS	Processor Direct Slot (in Apple Macintosh)
PDSA	Performance Data Streaming Architecture (of National Semiconductor)
PDU	Protocol Data Unit
PE	Processing Element
PEM	Plastic Encapsulated Microcircuit
PEM	Privacy Enhanced Mail (of Internet)
petaFLOPS	Quadrillions (10^{15}) of Floating Point Operations Per Second
petaOPS	Quadrillions (10^{15}) of Operations Per Second
PGA	Pin Grid Array (IC package)
PGM	Processing Graph Methodology
PGN	Processing Graph Notation
PGP	Pretty Good Privacy (Internet encryption package)
PGSE	Processing Graph Support Environment
PHY	Physical (layer protocol)
PI	Parallel Interface
PI	Principal Investigator (of a research program)
PI-bus	Parallel Intermodule Bus (of SAE)
PI-Bus	Peripheral Internal Bus (on-chip ASIC bus)
PIC	Programmable Interrupt Controller
PICS	Planetary Integrated Camera-Spectrometer
PID	Proportional Integral Derivative
PIF	Program Information File (in Windows)

pigi	Ptolemy Interactive Graphical Interface
PII	Protocol Independent Interface
PIM	Processing-In-Memory
PIMS	Product Information Management System (from Sherpa)
PIN	Personal Identification Number
PIO	Processor Input/Output
PIPS	Practical Internet Protocol Security
PITL	Pilot-In-The-Loop (avionics simulation)
PIU	Pi-bus Interface Unit
PKC	Public Key Cryptography
PL	Padding Length (of MessageWay)
PLD	Programmable Logic Device
PLL	Phase-Locked Loop
PLM	Programmable Logic Module
PLM	Programming Language for Microprocessors
PMC	PCI Mezzanine Card
PMD	Physical Medium Dependent (layer protocol)
PMLT	Partition Message Label Table
PMFD	Primary Multi-Function Display (in F-22)
PNG	Portable Network Graphics
PNM	Progressive Networks Metafile
PNNI	Private Network - Network Interface (of ATM)
PnP	Plug and Play (PC compatibility protocols)
POC	Proof Of Concept
POF	Plastic Optical Fiber
POI	Parallel Optical Interconnect
POP	Post Office Protocol (for email)
POSIX	Portable Operating System Interface, Unix
POST	Power-On Self Test
PPB	PCI-to-PCI Bridge
PPCT	Partition Privilege Control Table
PPD	PostScript Printer Description
PPP	Point-to-Point Protocol (for Internet access)
PPP	Packaging for Parallel Processing (MCC project)
PPPI	Pre-Planned Product Improvement
PPRAM	Parallel-Processing Random Access Memory
PPT	Platform Personality Translation
PSE	Project Support Environment
PRCB	PRocessor Control Block
PRDA	Program Research and Development Announcement
PReP	PowerPC Reference Platform (IBM standard)
PREP	PRogrammable Electronics Performance corp. (FPGA benchmark)
PRF	Pulse Repetition Frequency
PRISM	Processor Reconfiguration through Instruction Set Metamorphosis (Brown U.)
PRM	Protocol Reference Model
PRML	Partial Response, Maximum Likelihood (disk drive read protocol)
PROM	Programmable Read Only Memory
PSC	Preferred System Concept
PSDN	Packet Switched Data Network
PSESWG	Project Support Environment Standards Working Group (of NGCR)
PSRG	Privacy and Security Research Group (of IRTF)
P-STAR	Portable Search and Target Acquisition Radar (Army program)
PT	Packet Type (of MessageWay)
PTM	Packet Transfer Mode
PVC	Permanent Virtual Circuit

PVDF	Poly Vinylidene Flouride
PVI	Pilot Vehicle Interface
PVM	Parallel Virtual Machine
PWA	Printed Wiring Assembly
PWB	Printed Wiring Board
PWSC	Preferred Weapon System Concept
Q	Quality (of a path in MessageWay)
QAM	Quadrature Amplitude Modulation
QED	Quod Erat Demonstrandum ("which was to be demonstrated")
QED	Quantum Effect Designs Inc.
QFD	Quality Function Deployment
QIC	Quarter-Inch Cartridge (magnetic tape format for PCs)
QML	Qualified Manufactures Listing
QOLB	Queued On Lock Bit (cache coherence protocol)
QOS	Quality Of Service
QPSK	Quadrature Phase-Shift Keying
QR	QuickRing (trademark of Apple Computer)
QWIP	Quantum Well Infrared Photodetector
QWSLM	Quantum Well Spatial Light Modulator
RADC	Rome Air Development Center
RADIUS	Remote Authentication Dial-In User Service (Internet protocol)
RAM	Random Access Memory
RAID	Redundant Array of Inexpensive Disk Drives
RAIU	Remote Aperture Interface Unit
RARP	Reverse Address Resolution Protocol
RAS	Reliability, Availability and Serviceability
RAS	Remote Access Server (for Sun S3.mp)
RAS	Remote Access Service
RAS/CAS	Row Address Strobe/Column Address Strobe (RAM access method)
RASci	Recreational Software Advisory Council (Internet content rating system)
RASSP	Rapid Prototyping of Application-Specific Signal Processors
RBOC	Regional Bell Operating Company
RCM	Reconfigurable Computing Module
RCS	Radar Cross Section
RCTE	ReConfigurable Transfer Engine
RCVF	Received-From (list in MessageWay)
RDBMS	Relational Database Management System
RDD	Research & Development Division (of Lockheed)
RDD-100	Requirements Driven Development (from Ascent Logic)
RDE	RASSP Design Environment
RDO	Remote Data Objects
RDRAM	Rambus DRAM
RDT&E	Research, Development, Test and Evaluation
REE	Remote Exploration and Experimentation (NASA program)
REST	Reliability Estimation System Testbed (NASA tool)
RF	Radio Frequency
RFC	Request For Comment (IAB document)
RFTLTS	Radio Frequency Transmission Line Test Set (program)
RGB	Red, Green and Blue (color light model)
RFP	Request For Proposal
RH	Radiation Hardened (device)
RH	Routing Header (of MessageWay)
RHN	Remote Health Node (processing module)

RHVP	Radiation-Hardened Vector Processor (IBM)
RID	Record Identification (of MessageWay)
RISC	Reduced Instruction Set Computing
RL	Record Length (of MessageWay)
RL	Rome Laboratory
RLV	Reusable Launch Vehicle
RMA	Reliability, Maintainability and Availability
RM&A	Reliability, Maintainability and Affordability
RMH	Remote Memory Handler (for Sun S3.mp)
RMS	Rate Monotonic Scheduling
RMS	Root Mean Square
RNI	Resource Network Interface
ROM	Read Only Memory
ROI	Region Of Interest
RPA	Rotocraft Pilot's Associate (Army program)
RPC	Remote Procedure Call
RRP	Router-to-Router Protocol (of MessageWay)
RS	Recommended Standard
RSA	Rivest, Shamir, Adleman (public-key encryption algorithm)
RSB	Reconfigurable Secure Bridge
RSC	RISC Single Chip (processor)
RSP	Radar Signal Processor
RSVP	ReSerVation Protocol (for obtaining network resources)
RT	Real Time
RT	Remote Terminal
RT	Routing Table
RTAIS	Real-Time Artificial Intelligence System (of Wright Lab)
RTCP	Realtime Transfer Control Protocol
RTIC	Real-Time Information in the Cockpit
RTL	Register Transfer Level (model)
RTNI	Real Time Non-Intrusive (instrumentation)
RTOS	Real-Time Operating System
RTP	Realtime Transport Protocol (Internet standard)
RTSP	Real Time Streaming Protocol (Internet standard)
RTT	Resonant Tunneling Transistor
RWCP	Real World Computing Partnership (in Japan)
RWR	Radar Warning Receiver
Rx	Receiver
S	Secret (security level)
S3.mp	Sun Scalable Shared-memory Multi-Processor (Sun Microsystems)
SA	Security Association
SA	Situation Assessment
SA	Situation Awareness
SA	Source Address (of MessageWay)
SAAS	Special Airborne Antenna System
SACHEM	Situationally Aware Combat Helicopter Expert Monitor (in RPA)
SAE	Society of Automotive Engineers
SAFE	Secure Application FramEwork
SAFENET	Survivable Adaptable Fiberoptic Embedded Network (of NGCR)
SAIC	Science Applications International Corp.
SAID	Security Association Identifier (Internet protocol header)
SAMM	Software Acquisition Maturity Model (of SEI)
SAN	System Area Network
SAP	Service Access Point

SAR	Segmentation And Reassembly (ATM sublayer)
SAR	Special Access Required
SAR	Synthetic Aperture Radar
SAST	Situationally Adaptive Sonar Technologies (DARPA program)
SATWG	Strategic Avionics Technology Working Group
SAVA	Standard Army Vetronics Architecture
SAVE	Simulation Assessment Validation Environment
SBC	Single-Board Computer
SBCCS	Single-Byte Command Code Sets (of Fibre Channel)
SBIR	Small Business Innovation Research (U.S. Government program)
SBIRS	Space-Based InfraRed System (program)
SBIT	Start-up Built-In Test
SBU	Sensitive But Unclassified (security level)
SC	Software Component
SC-21	Surface Combatant, 21st century (Navy program)
SCA	Single Connector Attachment (SCSI connector)
SCCS	Source Code Control System
SCI	Scalable Coherent Interface (IEEE 1596)
SCI	Sensitive Compartmented Information
SCI	Socket Compatibility Interface
SCI	System Call Interface (of Unix)
SCID	Security Context IDentifier
SCIzzL	SCI LAMP Users, Developers, and Manufacturers Association
SCR	Silicon-Controlled Rectifier
SCS	Scalable Computing System (DARPA program)
SCSA	Signal Computing Systems Architecture (standards committee)
SCSI	Small Computer System Interface
SDC	Specification and Description Language
SDDN	Sensor Data Distribution Network
SDE	Secure Data Exchange
SDF	Synchronous Data Flow (domain in Ptolemy tool)
SDH	Synchronous Digital Hierarchy
SDI	Strategic Defense Initiative
SDI	Summit Design, Inc. (merger of TSSI and See Technologies Ltd)
SDIM	Signal Data Interface Module
SDNS	Secure Data Network System
SDR	Source Demand Routing (protocol)
SDRAM	Synchronous Dynamic Random Access Memory
SDRC	Structural Dynamics Research Corporation
SDRP	Source Demand Routing Protocol
SDSL	Symmetric Digital Subscriber Line (telephone service)
SDU	Service Data Unit
SDV	Switched Digital Video
SE	Serial Express (network protocol, IEEE-P1394.2)
SEAD	Suppression of Enemy Air Defenses
SEAL	Simple and Efficient Adaptation Layer (of B-ISDN)
SEB	Single-Event Burnout (radiation effect)
SEC	Securities Exchange Commission
SEC	Single-Edge Contact (Intel package style)
SEDA	System Engineering and Design Automation
SEE	Single-Event Effects (on ICs from radiation)
SEE	Software Engineering Environment
SEGR	Single-Event Gate Rupture (radiation effect)
SEI	Software Engineering Institute (of DoD)
SEL	Single-Event Latchup (radiation effect)

SEM-E	Standard Electronic Module, Format E
SEMI	Semiconductor Equipment and Materials International
SEP	Solar-Electric Propulsion
SEPE	Sort Enhanced Preprocessing Element (module)
SES	Scientific and Engineering Software, Inc.
SET	Secure Electronic Transactions
SEU	Single-Event Upset (radiation-induced failure)
SFF	Small Form Factor (module size)
SFI	Solder-Free Interconnection
SFL	Structured Function-description Language (C language extension)
SGOAA	Space Generic Open Avionics Architecture (of NASA)
SGRAM	Synchronous Graphics Read-Only Memory
SHA	Secure Hash Algorithm
SHARC	Super Harvard ARchitecture Computer (Analog Devices 2106x chip)
SHARE	Secure, Heterogeneous Application Runtime Environment (program)
SHARP	Standard Hardware Acquisition and Reliability Program
SHARPE	Symbolic Hierarchical Automated Reliability and Performance Evaluator (tool)
S-HTTP	Secure HyperText Transfer Protocol
SI	System Internationale (= metric units)
SIA	Semiconductor Industry Association
SIDS	Simulation, Instrumentation, and Debug Support
SIF	SEE Integration Features
SIFT	Software-Implemented Fault Tolerance
SIG	Special Interest Group
Si-GeHBT	Silicon-Germanium Heterojunction Bipolar Transistor
SILS	Secure Interoperable LAN Security (IEEE 802.10)
SIMD	Single Instruction, Multiple Data (processor)
SIMM	Single In-line Memory Module
SINTEF	Foundation for Scientific and Industrial Research at the Norwegian Inst.of Tech.
SIPP	Simple Internet Protocol Plus
SIRMA	Structurally Integrated Reconfigurable Multi-Aperture
SKC	Secret Key Cryptography
SLC	Surface Laminar Circuit (PWB technology)
SLI	Seamless Link to Information (network architecture)
SLIP	Serial-Line Internet Protocol
SLM	Spatial Light Modulator
SM	Stores Management (avionics system)
SMD	Standard Microcircuit Drawing
SMD	Surface Mount Device
SMDS	Switched Multi-megabit Digital Service
SMF	Single Mode Fiber
SMFD	Secondary Multi-Function Display (in F-22)
SMIB	Security Management Information Base
SMP	Symmetric Multi-Processor
SMS	Stores Management System
SMT	Station Management
SMTF	Simple Mail Transfer Protocol
SN	Serial Number
SNA	Systems Network Architecture
SNAcP	Subnetwork Access Protocol
SNDCCP	Subnetwork Dependent Convergence Protocol
SNF	Server Natural Format (X-windows font format)
SNI	Simple Network Interface
SNICP	Subnetwork Independent Convergence Protocol
SNMP	Simple Network Management Protocol

SNR	Signal-to-Noise Ratio
SOF	Special Operations Forces
SOF	Start Of Frame
SOFPARS	Special Operations Forces Planning and Rehearsal System
SOI	Silicon-On-Insulator (IC process)
SOJ	Small Outline J-lead (package)
SOM	System Object Model (IBM's CORBA implementation)
SONET	Synchronous Optical NETwork
SOS	Save Our Souls
SOS	Silicon-On-Sapphire (IC process)
SOS	System of Systems (internetworked computers)
SOW	Statement Of Work
SP3	Security Protocol 3 (in network layer of SDNS)
SP4	Security Protocol 4 (in transport layer of SDNS)
SPA	Software Publishers Association
SPARD	Signal Processing Applications and Rapid Development (group of Sanders)
SPBM	Signal Processor Bulk Memory
SP-bus	Signal Processor Bus
SPC	Signal Processing Center (of Lockheed Martin)
SPC	Software Productivity Consortium
SPE	Signal Processing Element (module)
SPE	Synchronous Payload Envelope (of SONET)
SPEC	Standard Performance Evaluation Corporation
SPGA	System Programmable Gate Array
SPGN	Signal Processing Graph Notation
SPI	SCSI Parallel Interface
SPI	Security Parameters Index (in Security Architecture for Internet Protocol)
SPI	Serial Peripheral Interface
SPI	System Programming Interface
SPIE	The Society of Photo-optical Instrumentation Engineers
SPN	Signal Processing Network
SPNIM	Signal Processing Network Interface Module
SPP	Scalable Parallel Processor
SPW	Signal Processing WorkSystem (from Comdisco Systems, Inc.)
SQL	Structured Query Language
SR	Secure Router
SR	Source Route (of MessageWay)
SRAM	Static Random Access Memory
SRD	Support Requirements Document
SRS	Software Requirements Specification
SRTPP	Scalable Real-Time Parallel Processor (of Wright Labs)
SS7	Signaling System 7 (for the telephone network)
SSA	Serial Storage Architecture (PC interface bus by IBM)
SSAIA	Serial Storage Architecture Industry Association
SSBLT	Source Synchronous BLock Transfer
SSD	Surveillance Systems Division (of Lockheed Sanders)
SSI	Scalable Storage Interface (IEEE P1285)
SSI	Silicon Systems Inc.
SSL	Secure Sockets Layer (Netscape's transport layer security standard)
SSRAM	Synchronous Static Random Access Memory
SSS	System Segment Specification
SST	Simple SIPP Transition
SSTO	Single Stage To Orbit (program)
S&T	Science and Technology
STA	SCSI Trade Association

STAMPS	Strategic/Tactical Automated Mission Planning System
STAP	Space-Time Adaptive Processing
STC	Software Technology Center (of Lockheed)
STD	Standard (IETF RFC type)
STEP	Sort and Track Enhanced Preprocessor
STF	Sensor Track Fusion
STI	Shallow-Trench Isolation (IC process)
STI	Signal Technology, Inc.
STM	SGS-Thomson Microelectronics (company)
STM	Synchronous Transfer Mode (of B-ISDN)
StP	Software through Pictures (AONIX software tool product line)
STRAP	Straight-Through Repeater Antenna Program (Navy)
STS	Synchronous Transport Signal (of SONET)
SU	Standard Unit (= 25 mm)
SUROM	Start-Up Read Only Memory
SVC	Switched Virtual Circuit
SVD	Simultaneous Voice/Data
SVI	Standard Virtual Interface (of RASSP program)
SVIT	Sensor/Video Implementation Taskgroup (of SAE)
SW	Software
SWAN	Small Wide Area Network
SWAP	Size, Weight And Power
T	Top Secret (security level)
TA	Threat Avoidance
TAB	Tape-Automated Bonding (IC attachment method)
TAC	Tactical Advanced Computer (Navy / Air Force)
TAC-4	Tactical Advanced Computer, 4th generation (1993-4)
TAC	Tactical Air Command
TAC	Terminal Access Controller
TAP	Test Access Port (of JTAG)
Tbps	Trillion (tera, 10 ¹²) Bits Per Second
TBS	Technology Broker System (of Lockheed)
TBS	To Be Supplied
TC	Transmission Convergence (ATM sublayer)
TCCA	Technical Committee on Computer Architecture (of IEEE)
TCB	Trusted Computing Base
TCC	Transmission Control Code
TCK	Test Clock input (of JTAG)
tcl	Tool Control Language (Unix tool)
TCOS	Technical Committee on Operating Systems (of IEEE)
TCP/IP	Transmission Control Protocol/Internet Protocol
TCS	Trusted Computer System
TCSEC	Trusted Computer System Evaluation Criteria (of DoD)
TCU	Trunk Coupling Unit
TD	Thread Descriptor
TD	Touch Down
TDI	Test Data Input (of JTAG)
TDM	Time Division Multiplexing
TDMA	Time Division Multiple Access (cellular phone transmission protocol)
TDO	Test Data Output (of JTAG)
TDP	Time Dependent Processing
TE	Type Extension (of MessageWay)
TECNET	Test and Evaluation Community NETwork
TECT	T2A Equipment Configuration Testbed (of NSWC)

teraFLOPS	Trillions (tera, 10 ¹²) of Floating Point Operations Per Second
teraOPS	Trillions (tera, 10 ¹²) of Operations Per Second
TES	Tool Encapsulation Specification
TF	Terrain Following
TFA	Transparent File Access
TFLOPS	Trillions (tera, 10 ¹²) of Floating Point Operations Per Second
TI	Texas Instruments
TIA	Telecommunications Industry Association
TIBS	Tactical Information Broadcast Service
TIC	The Interconnect Controller (for Sun S3.mp)
TID	Total Ionizing Dose (of radiation)
TIFF	Tagged Image File Format
TIHI	Trusted Interoperation of Healthcare Information (program)
TIPS	Trillions of Instructions Per Second
TIS	Trusted Information Systems (company)
TLB	Translation Lookaside Buffer (processor)
TLD	Top-Level Domain (of Internet)
TLSP	Transport Layer Security Protocol (of OSI)
TLV	Type, Length, Value (of a parameter in a protocol field)
TM	Terrain Masking
TM	Test and Maintenance
TM-bus	Test and Maintenance Bus
TMC	The Memory Controller (for Sun S3.mp)
TMN	Telecommunications Management Network (Sun software product)
TMR	Triple Modular Redundant
TMS	Test Mode Select (of JTAG)
TNI	Trusted Network Interface (unit)
TNIU	Trusted Network Interface Unit
TOAD	Terahertz Optical Assymetric Demultiplexer
TOD	Time Of Day (reference clock)
TOPS	Trillions (Tera) Operations Per Second
TOS	Type Of Service (of IPv4)
TP4	Transport Protocol 4 (of OSI)
TQM	Total Quality Management
TRP	Technology Reinvestment Program
TRST	Test Reset
TS	Top Secret (security level)
TSARS	Tactical Situation Assessment and Response Strategy
TSIG	Trusted Systems Interoperability Group (of Internet)
TSMD	Time Stress Measurement Device
TSOP	Thin Small-Outline Package
TSR	Terminate and Stay Resident (option for PC programs)
TSS	Telecommunications Standardization Sector (of ITU)
TSSI	Test Systems Strategies, Inc. (now SDI)
TT&C	Telemetry, Tracking and Control
TTI	Time To Intercept
TTL	Time To Live (Internet packet parameter)
TTL	Transistor-Transistor Logic (IC process)
TVSOP	Thin Very Small-Outline Package
TWG	Technical Working Group
Tx	Transmitter
U	Unclassified (security level)
UA	User Agent
UAN	Unified Avionics Network

UAV	Unmanned Air Vehicle
UC	University of California
UCIF	User Console Interface (JIAWG module)
UDF	Universal Disk Format (for CD-ROM)
UDP	User Datagram Protocol
UFD	Up Front Display
UI	Unified Interconnect
UI	Unix International (consortium)
UIO	University of Oslo
UIUC	University of Illinois at Urbana-Champaign
ULP	Ultra-Low Power
UML	Unified Modeling Language
UN	Unified Network
UN	United Nations
UNC	Universal Naming Convention
UNI	User-Network Interface (of ATM)
UNO	Universal Networked Objects (of OMG)
UPA	UltraPort Architecture (of Sun)
UPE	User Portability Extension (to POSIX)
URDA	Ultra-Reliable Digital Avionics
URL	Universal Resource Locator (of Mosaic tool)
USAF	United States Air Force
USB	Universal Serial Bus (for the PC)
USC	University of Southern California
UTMC	United Technologies Microelectronic Center
UTP	Unshielded Twisted Pair (cable)
UUCP	Unix-to-Unix Copy Program
UUT	Unit Under Test
UUV	Unmanned Underwater Vehicle
UUVSP	Unmanned Underwater Vehicle Signal Processor
UW	University of Wisconsin
UWA	Under Water Acoustics
UWB	Ultra Wide Band (radar sensor)
UWS	Ultraviolet Warning System
V	Version
VAP	Virtual Avionics Prototype
VBA	Visual Basic for Applications (Microsoft scripting language)
VBNS	Very-high-bandwidth Backbone Network Service (of NSF)
VBR	Variable Bit Rate
VC	Virtual Channel
VCAP	VHSIC Core Avionics Processor
VCC	Virtual Channel Connection (in ATM)
VCI	Virtual Channel Identifier (in ATM)
VCL	Virtual Channel Link (in ATM)
VCO	Voltage-Controlled Oscillator
VCP	Vector Co-Processor
VCPC	European Centre for Parallel Computing at Vienna
VCSEL	Vertical-Cavity Surface-Emitting Laser
VDDN	Video Data Distribution Network
VDELE	VHDL Design for Engineering Legacy Equipment (program)
VDM	Virtual DOS Machine
VESA	Video Electronics Standards Association
VFEA	VMEbus, Futurebus+, Extended Architecture
VGC	Voice Grade Communication

VHDL	VHSIC Hardware Description Language
VHM	Vehicle Health Monitoring
VHSIC	Very High Speed Integrated Circuit
VIA	Versatile Interface Adapter (for Apple Macintosh)
VITA	VME International Trade Association
VITAL	VHDL Initiative Towards ASIC Libraries
VIUF	VHDL International Users Forum
VL-Bus	VESA's Local Bus
VLIW	Very Long Instruction Word
VLS	Vertical Launching System
VLSI	Very Large Scale Integration
VM	Vehicle Management (avionics system)
VM	Virtual Machine
VME	VersaModule Europa
VME64	VME extended to 64-bit data path
VMS	Vehicle Management System
VMS	Virtual Memory operating System (on DEC VAX computer)
VMS	VME Serial bus
VMX	VME Memory eXtension bus
VP	Vector Processor
VP	Virtual Path
VPC	Virtual Path Connection (in ATM)
VPDI	Virtual Product Development Initiative (on JSF program)
VPI	Virtual Path Identifier (in ATM)
VPL	Virtual Path Link (in ATM)
VPFL-32	Vector Processor, Floating Point, 32-Bit
VPFX-32	Vector Processor, Fixed Point, 32-Bit
VR	Virtual Reality
VRM	Voltage Regulator Module
VRML	Virtual Reality Markup Language
VSb	VME high Speed I/O Bus
VSI	Virtual Socket Interface (for IC circuitry)
VSIP	Vector, Signal and Image Processing (library standard)
VSO	VITA Standards Organization
VSPA	Very Small Peripheral Array (IC package)
VSWE	Virtual Strike Warfare Environment (on JSF program)
VTC	Video TeleConferencing
VxD	Virtual Device Driver
VXI	VME eXtension for Instrumentation
WAN	Wide Area Network
WAIS	Wide Area Information Servers
WAVES	Waveforms And Vector Exchange Specification
WDM	Wavelength Division Multiplexing (on fiberoptic cable)
WFM	WorkFlow Manager
WG	Working Group
WGS	World Geodetic System
WHOI	Woods Hole Oceanographic Institution
WL	Wright Laboratory
WMF	Windows Metafile Format
WOW	Windows on Win32 (environment)
WPG	WordPerfect Graphics (data format)
WPI	Worcester Polytechnic Institute
WSC	Weapon System Concept
WSI	Wafer-Scale Integration

WSP	Westinghouse Signal Processor
WSSP	Wafer-Scale Sensor Processor
WSTS	World Semiconductor Trade Statistics
WWW	World Wide Web
W3O	World Wide Web Organization
WYSIWYG	What You See Is What You Get
X	X-Windows
XDI	XLNT Designs Inc.
XIWT	Cross Industry Working Team (NII consortium)
XRT	External Routing Table (of MessageWay)
XTP	Xpress Transfer Protocol
XYZ	X, Y and Z coordinates (of color model from CIE)