
A	ANODE
ABM	ANALOG BHEHAVIOR MODELING
AC	ALTERNATING CURRENT; ACCUMULATOR
A/D	ANALOG to DIGITAL CONVERTER
ADAE	ASSOCIACIÓ D'APLICACIONS DE L'ELECTRICITAT.
ADC	ANALOG to DIGITAL CONVERTER
AENOR	ASOCIACION ESPAÑOLA DE NORMALIZACION Y CERTIFICACION
AF	AUDIO FREQUENCY
AFAM	ADAPTIVE FUZZY ASSOCIATIVE MEMORY
AFME	AGENCE FRANÇAISE POUR LA MAÎTRISE DE L'ENERGIE
AG	ADITIVE GROSSBERG
AGV	AUTOMATIC GUIDED VEHICLE
Ah	AMPERE-HOUR
AHC	ADAPTIVE HEURISTIC CRITIC
AI	ARTIFICIAL INTELLIGENCE
AIC	ANALOG INTERFACE CIRCUIT
AL	ASSEMBLER LANGUAGE
ALC	AUTOMATIC LIGH CONTROL
ALS	ADVANCED LOW POWER SCHOTTKY (TTL)
ALU	ARIMETIC AND LOGIC UNIT
AQL	ACCEPTANCE QUALITY LEVEL
AFNOR	ASSOCIATION FRANÇAISE DE NORMALISATION
AM	AMPLITUDE MODULATOR
AMM	ANALOG MULTIMETER
ANN	ANALOG NEURAL NETWORK
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APEC	APPLIED POWER ELECTRONICS CONFERENCE
APS	AIR PLASMA SPRAY
ARL	ACCEPTABLE REABILITY LEVEL
ARP	ASSOCIATIVE REWARD PENALTY
ART	ADAPTIVE RESONANCE THEORY
AS	AUTOMATIC SYSTEM
ASA	AMERICAN STANDARDS ASSOCIATION
ASCI	AUTO-SEQUENTIALLY COMMUTATED INVERTER
ASCR	ASYMETRICAL SILICON CONTROLLED RECTIFIER
ASCII	AMERICAN STANDART CODE FOR INFORMATION INTERCHANGE
ASIC	APPLICATION-SPECIFIC INTEGRATED CIRCUIT
ASPL	APPLICATION SPECIFIC PROGRAMMABLE LOGIC
AT	ALTA TENSIÓ
At	AMPERE-TURN
AVF	ARMATURE VOLTAGE FEEDBACK
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
B	BASE
BAM	BIDIRECTIONAL ASSOCIATIVE MEMORIES
BASEEFA	BRITISH APPROVALS FOR ELECTRICAL EQUIPMENT IN FLAMMABLE ATNOSPHERES (Ex, EEx)
BCE	BPMB A DE CALOR ELÈCTRICA

BCG	BOMBA DE CALOR A GAS
BDCM	BRUSHLESS D.C. MOTOR
BEJ	BASE EMITTER JUNCTION
BEMF	BACK ELECTROMOTIVE FORCE
BEV	BATTERY ELECTRIC VEHICLES
BJT	BIPOLAR JUNCTION TRANSISTOR
BM	BOLTZMAN MACHINE
BP	BAND PASS, BACK PROPAGATION
BS	BRITISH STANDART INSTITUTE
BSB	BRAIN STATE IN BOX
BSITHY	BIPOLAR STATIC INDUCTION THYRISTOR
BSIT	BIPOLAR STATIC INDUCTION TRANSISTOR
BT	BAIXA TENSIÓ
BTU	BRITISH THERMAL UNIT
BV	BREAKDOWN VOLTAGE
C	CAPACITOR; COLLECTOR
CACA	CLOSED AIR CIRCUIT AIR COOLING
CACW	CLOSED AIR CIRCUIT WATER COOLING
CAD	COMPUTER AIDED DESIGN
CAE	COMPUTER AIDED ENGINEERING
CAM	COMPUTER AIDED MANUFACTURE
CAS	COMPUTER AIDED SIMULATION
CB	COMMON-BASE CONFIGURATION (B.J.T.)
CBJ	COLLECTOR BASE JUNCTION
CBT	CROSSBAR TECHNOLOGY SWITCHES
CC	COMMON-COLLECTOR CONFIGURATION (B.J.T.)
CCW	COUNTERCLOCKWISE
CD	COMMON-DRAIN CONFIGURATION (F.E.T.)
CE	COMMON-EMITTER CONFIGURATION (B.J.T.)
CEI (IEC)	COMISION ELECTROTECNICA INTERNACIONAL
CEMF	COUNTER ELECTROMOTIVE FORCE
CF	CREST FACTOR
CFC	CLOROFLUOROCARBONS
CFI	CURRENT FED INVERTER
CG	COMMON-GATE CONFIGURATION (F.E.T.)
CIDEM	CENTRE D'INFORMACIÓ I DESENVOLUPAMENT EMPRESARIAL
CIM	COMPUTED INTEGRATED MANUFACTURING
CIS	CONDUCTOR/ISOLANT/SEMICONDUCTOR
CISC	COMPLEX INSTRUCTION SET COMPUTING
CLK	CLOCK
CMA	CERAMIC MULTILAYER ACTUATORS
CMOS	COMPLEMENTARY METAL-OXIDE SEMICONDUCTOR
CMMR	COMMON MODE REJECTION RATIO
CNC	COMPUTER NUMERICAL CONTROL
COP	COEFFICIENT OF PERFORMANCE
CPU	CENTRAL PROCESSING UNIT
CPS	CYCLES PER SECOND
CR	CARRIAGE RETURN
CRT	CATHODE RAY TUBE
CS	COMMON-SOURCE CONFIGURATION (F.E.T.)

CSIC	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
CV	CABALL DE VAPOR
CVD	CHEMICAL VAPOR DEPOSITION
CW	CLOCKWISE
D	DIODE, DRAIN
D/A	DIGITAL to ANALOG CONVERTER
DAC	DIGITAL to ANALOG CONVERTER
DAMP	DATA ACQUISITION AND PROCESSING MODULE
DC	DIRECT CURRENT
DCC	DIFFERENTIAL COMPETITIVE LEARNING
DCCT	D.C. CURRENT TRANSFORMER
DCVT	D.C. VOLTAGE TRANSFORMER
DCPM	D.C. PERMANENT MAGNET MOTOR
DDM	DIRECT DRIVE MOTOR
DEMUX	DEMULTIPLEXER
DF	DISPLACEMENT FACTOR
DIMOS	DIELECTRIC ISOLATED MOS
DIP	DUAL IN LINE PACKAGE
DLC	DIAMOND LIKE CARBON
DMA	DIRECT MEMORY ACCESS
DNU	DO NOT USER
DOD	DEEP OF DISCHARGE
DOS	DISK OPERATING SYSTEM
DPF	DISPLACEMENT POWER FACTOR
DR	DECISSION REVIEW
DRAM	DYNAMIC READ ONLY MEMORY
DRF	DERATING FACTOR
DSM	DIDITAL SERVICES MODULE
DSO	DIGITAL STORAGE OSCILOSCOPE
DSP	DIGITAL SIGNAL PROCESSOR
DTF	DISCRETE FOURIER TRANSFORM
DTS	DRIVERLESS TRANSPORT SYSTEMS
DVD	DIGITAL VIDEO DISK
E	EMITTER
EAPROM	ELECTRICALLY ALTERABLE P.R.O.M.
ECL	EMITTER COUPLED LOGIC
ECM	ELECTRONICALLY COMMUTATED MOTOR
ECR	ELECTRONICALLY COMMUTATED RELUCTANCE
EDA	ELECTRONIC DESIGN AUTOMATIZATION
EDF	ÉLECTRICITÉ DE FRANCE
EDM	ELECTRO-DISCHARGE MACHINING
EEPROM	ELECTRICALLY ERASABLE P.R.O.M. MOTOR
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
EMD	ELECTRICAL MACHINES AND DRIVES
EMI	ELECTROMAGNETIC INTERFERENCE
EMU	ELECTROMAGNETIC UNIT
EMF	ELECTROMOTIVE FORCE
ENIAC	ELECTRONIC NUMERICAL INTEGRATOR AND CALCULATOR
EPA	ENVIRONMENT PROTECTION AGENCY

EPE	EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS.
EPHSC	EMBEDDED PROGRAMMABLE HIGH SPEED CONTROLLER
EPIC	EPITAXIAL PASSIVATED IC
EPROM	ERASABLE P.R.O.M.
EPSRC	ENGINEERING AND PHYSICAL SCIENCES RESEARCH COUNCIL
ER	ENERGY RATIO
ESPC	EUROPEAN SPACE POWER CONFERENCE
ESR	EQUIVALENT SERIES RESISTANCE
ETANN	ELECTRICALLY TRAINABLE ANALOG NEURAL NETWORK
EV	ELECTRIC VEHICLE
Ev	ELECTRON-VOLT
FAM	FUZZY ASSOCIATIVE MEMORY
FBSOA	FORWARD BIASED SAFE OPERATION AREA
FC	FUEL CELL
FCAW	FLUX CORED ARC WELDING
FCDFC	FORCED COMMUTATED DIRECT FREQUENCY CHANGER
FCM	FUZZY COGNITIVE MAPS
FEA	FINITE ELEMENTS ANALYSIS
FET	FIELD EFFECT TRANSISTOR
FET-CTH	FET CONTROLLED THYRISTOR
FF	FORM FACTOR
FFT	FAST FOURIER TRANSFORMATION
FIR	FINITE IMPULSE REPOSE
FL	FULL LOAD
FLC	FULL LOAD CURRENT
FLT	FULL LOAD TORQUE
FM	FREQUENCY MODULATOR
FMEA	FAILURE MODE AND EFFECTS ANALYSIS
FOC	FIELD ORIENTATED CONTROL
FORTRAN	FORMULA TRANSLATION
FPGA	FIELD PROGRAMMABLE GATE ARRAY
FPIC	FIELD PROGRAMMABLE INTEGRATED CIRCUIT
FPLA	FIELD PROGRAMMABLE LOGIC ARRAY
F/V	FREQUENCY VOLTAGE CONVERSION
G	GATE
GA	GATE ARRAY
GaAs	GALLIUM ARSENIDE
GATT	GATE ASSISTED TURN OFF THYRISTOR
GMDSC	GENERIC MULTI DRIVE SACALABLE CONTROLLER
GOM	GENERIC OBJECT MODEL
GPS	GLOBAL POSITION SYSTEM
GUI	GRAPHICAL USER INTERFACE
GTAW	GAS TUNGSTEN ARC WELDING
GTO	GATE TURN-OFF THYRISTOR
HAL	HARDWARE ABSTRACTION LAYER
HBM	HUMAN BODY MODEL
HEMT	HIGH ELECTRON MOBILITY TRANSISTOR
HEXFET	HEXAGONAL FIELD EFFECT TRANSISTOR
HF	HARMONIC FACTOR
HP	HORSE POWER

HR	HUMITAT RELATIVA
HV	HIGH VOLTAGE
HVDC	HIGH VOLTAGE DIRECT CURRENT
HVIC	HIGH VOLTAGE INTEGRATED CIRCUIT
IAS	IEEE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING
IC (CI)	INTEGRATED CIRCUIT
ICE	INSTITUT CATALA DE L'ENERGIA
ICEM	INTERNATIONAL CONFERENCE ON ELECTRICAL MACHINES
ICT	INSTITUT CALATÀ DE TECNOLOGIA
IECON	IEEE INDUSTRIAL ELECTRONICS CONFERENCE
IEE	INSTITUTE OF ELECTRICAL ENGINEERS
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IFT	INTERMEDIATE FRECUENCY TRANSFORMER
IG	INSULATED GATE
IGBT	INSULATED GATE BIPOLAR TRANSISTOR
IGFET	INSULATED GATE FET
IGR	INTERGROUP REACTOR
ILED	INFRARED LIGHT EMITTING DIODE
IM	INDUCTION MOTOR
IP	INDEX OF PROTECTION
IPS	INERT PLASMA SPRAY
IR	INFRARED
IS	INTERNAL SHIELD
ISO	INTERNATIONAL STANDARTS ORGANIZATION
ISA	INTERNATIONAL STANDARDIZATION ASSOCIATION
ISO	INTERNATIONAL STANDARDIZATION ORGANIZATION
I/O	INPUT/OUPUT
J	INERTIA
JEDEC	JOINT ELECTRONIC DEVICE ENGEENERING COUNCIL
JFET	JUNCTION FIELD EFECT TRANSISTOR
JIT	JUST IN TIME
K	CATHODE
KF	KALMAN FILTER
L	INDUCTOR; LOAD, LAPLACE TRANSFORM
LAN	LOCAL AREA NET
LAM	LINEAR ASSOCIATIVE MEMORY
LASCR	LIGHT ACTIVATED SILICON CONTROLLER RECTIFIER
LC	INDUCTANCE-CAPACITANCE
LCD	LIGHT CRYSTAL DISPLAY
LDR	LIGHT DEPENDING RESISTOR
LED	LIGHT EMITTING DIODE
LM	LEARNING MATRIX
LOH	LAST ORDER HARMONIC
LP	LOW PASS FILTER
LQ	LINEAR QUADRATIC
LPCVD	LOW PRESSURE CHEMICAL VAPOR DEPOSITION
LSI	LARGE SCALE INTEGRATION
LSIN	LINE IMPEDANCE STABILIZATION NETWORK
LSTTL	LOW POWER SCHOTTKY TTL

LTI	LINEAR TIME INVARIANT
LV	LOW VOLTAGE
LVDT	LINEAR VARIABLE DIFFERENTIAL TRANSFORMER
LVQ	LEARNING VECTROS QUANTIZER
M	TORQUE
MAT	MOLT ALTA TENSIÓ
MATLAB	MATRIX LABORATORY
MBE	MOLECULAR BEAN EPITAXY
MCA	MONTE CARLO ANALYSIS
MCE	MÀQUINES AMB COMMUTACIÓ ELECTRÒNICA
MCT	MOS CONTROLLED THYRISTOR
MCU	MICROCONTROLLER UNIT
MD	MONOLITHIC DARLINGTON
MESFET	METAL SEMICONDUCTOR FET
MFB	MULTIPLE-FEED BACK
MHD	MAGNETOHYDRODYNAMIC
MIE	MINISTERIO DE INDUSTRIA Y ENERGIA
MIL-STD	MILITARY STANDARTS
MIMO	MULTI-INPUT MULTI-OUTPUT
MIPS	MILLION INSTRUCTIONS PER SECOND
MIT	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
MISFET	METAL INSULATOR SEMICONDUCTOR FET
MMF	MAGNETOMOTIVE FORCE
MMS	MASS MEMORY UNIT
MMU	MEMORY MANAGEMENT UNIT
MODEM	MODULATOR-DEMODULATOR
MOS	METAL-OXIDE SEMICONDUCTOR
MOSFET	METAL-OXIDE SEMICONDUCTOR F.E.T.
MOST	MOS TRANSISTOR
MOV	METAL OXIDE VARISTOR
MPU	MICRO PROCESSING UNIT
MR	MAGNETIC RESONANCE
MRAC	MODEL REFERENCE ADAPTIVE CONTROL
MRT	MASS RAPID TRANSIT
MSI	MEDIUM SCALE INTEGRATION
MT	MITJA TENSIÓ
MTBF	MEAN TIME BETWEEN FAILUES
MTIE	MEAN TIME INTERVAL ERROR
MTNS	METAL THICK NITRIDE SEMICONDUCTOR
MTTR	MEAN TIME TO REPAIR
MUX	MULTIPLEXER
MV	MEDIUM VOLTAGE
MVF	MAXIMUM VOLTAGE FREQUENCIES
n	SPEED
NAND	NAND GATE
NC	NON CONNECTED, NUMERICAL CONTROL
NEMA	NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
NM	NEGATIVE MEDIUM
N MOSFET	N CHANNEL MOSFET
NOR	NOR GATE

NPN	NPN TRANSISTOR
NPT	NON-PUNCH THROUGH (IGBT)
NTC	NEGATIVE TEMPERATURE COEFFICIENT
NS	NEGATIVE SMALL
OA	OPERATIONAL AMPLIFIER
OCV	OPEN CIRCUIT VOLTAGE
ODE	ORDINARY DIFFERENTIAL EQUATION
ODF	OVERDRIVE FACTOR
OFHC	OXYGEN-FREE HIGH CONDUCTIVITY
OLAM	OPTIMAL LINEAR ASSOCIATIVE MEMORY
OLSOA	OVERLOAD SAFE OPERATING AREA
OPAMP	OPERATIONAL AMPLIFIER
OTA	OPERATIONAL TRANSCONDUCTANCE AMPLIFIER
P	PROPORTIONAL
PA	POWER AMPLIFIER
PAC	PLASMA ARC CUTTING
PACVD	PLASMA ASSISTED CHEMICAL VAPOR DEPOSITION
PAL	PROGRAMMABLE ARRAY LOGIC
PAM	PULSE AMPLITUDE MODULATION
PAW	PLASMA ARC WELDING
PB	PRINTED BOARD
PC	PERSONAL COMPUTER, PRINTED CIRCUIT
PCB	PRINTED CIRCUIT BOARD PLICLORURO DE BIFENILO
PCIM	POWER CONVERSION INTELLIGENT MOTION
PI ³	PLASMA IMMERSION ION IMPLANTATION
PVM	PULSE CODE MODULATION
PCI	PERIPHERAL COMPONENT INTERCONNECT (BUS)
PCT	POSITIVE TEMPERATURE COEFFICIENT
PC-SRD	PC BASED CAD FOR S.R. DRIVES
PDM	PULSE DURATION MODULATION
PDP	PARALLEL DISTRIBUTED PROCESSING
PEC	PRINTED ELECTRONIC CIRCUIT
PESC	POWER ELECTRONICS SPECIALIST CONFERENCE
PF	POWER FACTOR
PFM	PULSE FREQUENCY MODULATION
PI	PROPORTIONAL-INTEGRAL PROGRAMMABLE INTERFACE
PIC	POWER INTEGRATED CIRCUIT
PID	PROPORTIONAL-INTEGRAL-DERIVATIVE
PIN	POSITIVE-INTRINSIC-NEGATIVE
PIV	PEAK INVERSE VOLTAGE
PLA	PROGRAMMABLE LOGIC ARRAY
PLC	PROGRAMMABLE LOGIC CONTROLLER
PLCC	PLASTIC LEADED CHIP
PLD	PROGRAMMABLE LOGIC DEVICE
PLL	PHASE LOCKED LOOP
PLR	PARALLEL LOADED RESONANT
PM	PERMANENT MAGNET,

	PHASE MODULATION
PMDC	PERMANENT MAGNET D.C. COMMUTATOR MOTOR
PMSM	PERMANENT MAGNET SYNCHRONOUS MOTOR
P MOSFET	P CHANNEL MOSFET
PNP	PNP TRANSISTOR
PM	POSITIVE MEDIUM
PPS	PULSES PER SECOND
PROM	PROGRAMMABLE R.O.M.
PRR	PULSE REPETITION RATE
PRTS	PARALLEL RUNTIME-SUPPORT LIBRARY
PRV	PEAK REVERSE VOLTAGE
PS	POSITIVE SMALL
PSPICE	VERSION OF SPICE (MICROSIM CORPORATION)
PTA	PLASMA TRANSFER ARC
PTC	POSITIVE TEMPERATURE COEFFICIENT
PTM	PULSE (PHASE) TIME MODULATION
PUT	PROGRAMMABLE UNIJUNCTION TRANSISTOR
PV	PHOTOVOLTAIC PANEL
PVD	PHYSICAL VAPOR DEPOSITION
PWM	PULSE WITH MODULATION
Q	QUADRANT, QUALITY FACTOR
QIP	QUADRUPLE IN LINE PACKAGE
QEP	QUADRATURE ENCODER PULSE
QoS	QUALITY OF SERVICE
R	RESISTOR
RADAR	RADIO DETECTION AND RANGING
RAM	RANDOM ACCES MEMORY
RBSOA	REVERSE BIAS SAFETY OPERATING AREA
RCL	RESISTENCE-CAPACITANCE-INDUCTANCE (LOAD)
RCT	REVERSE CONDUCTING THYRISTOR
REP	RENDIMENT SOBRE L'ENERGIA PRIMARIA
RF	RIPPLE FACTOR
RFI	RADIO FREQUENCY INTERFERENCE
RKM	RUNGE KUTTA METHOD
RMS	ROOT MEDIUM SQUARE
RMOS	REFRACTORY MOS
ROM	READ ONLY MEMORY
RPM	REVOLUTIONS PER MINUTE
RSIC	REDUCED INSTRUCTION SET COMPUTING
RSM	RELUCTANCE SYNCHRONOUS MOTOR
RTC	REAL TIME CLOCK
RTI	REAL TIME INTERRUPT
RTOS	REAL TIME OPERATING SYSTEM
S	SOURCE, SCATTERING PARAMETERS
SAAEI	SEMINARIO ANUAL DE AUTOMATICA, ELECTRONICA INDUSTRIAL E INSTRUMENTACION
SAW	SUMERGED ARC WELDING
SB	SECOND BREAKDOWN
SCI	SERIAL COMMUNICATION INTERFACE
SCR	SILICON CONTROLLED RECTIFIER
SCS	SILICON CONTROLLED SWITCH

SCWT	SHORT CIRCUIT WITHSTAND TIME
SDFET	SCHOTTKY DIODE FET
SDRAM	SYNCHRONOUS DYNAMIC RANDOM ACCESS MEMORY
SGE	SILICON GRADE ELECTRONICS
SGM	SILICON GRADE METALLURGY
S&H	SAMPLER ÇAND HOLD
SHE	STANDARD HIDROGEN ELECTRODE
SI	SISTEMA INTERNACIONAL D'UNITATS
Si	SILICON
SIPMOS	SIEMENS POWER METAL OXIDE SILICON
SIP	SINGLE IN LINE PACKAGE
SIT	STATIC INDUCTION TRANSISTOR
SITH	STATIC INDUCTION THYRISTOR
SIS	SEMICONDUCTOR-INSULATOR-SEMICONDUCTOR
SISO	SINGLE INPUT SINGLE OUTPUT
SIMO	SINGLE INPUT MULTI OUTPUT
SLA	SEALED LEAD-ACID
SLI	STARTING, LIGHTING AND IGNITION
SLR	SERIES LOADED RESONANT
S/M	SAMPLE AND HOLD
SMES	SUPERCONDUCTOR MAGNETIC ENERGY STORAGE
SMI	SMALL SCALE INTEGRATION
SMT	SOURFACE MOUNTING TECHNOLOGY
SMPS	SITCHED MODE POWER SUPPLY
SNR	SIGNAL-NOISE RATIO
SOC	STATE OF CHARGE
SOT	SAMALL OUTLINE TRANSISTOR
SOA	SAFE OPERATING AREA
SOI	SILICON ON INSULATOR
SOIC	SMALL OUTLINE INTEGRATED CIRCUIT
SOS	SILICON ON SAPPHIRE
SPC	SILICON POLICRYSTALLINE, STADISTIC PROCES CONTROL
SPE	SOLID POLYMER ELECTROLYTE
SPEED	SCOTTISH POWER ELECTRONICS AND ELECTRIC DRIVES
SPI	SERIAL PREIPHERICAL INTERFACE
SPICE	SIMULATION PROGRAM WITH INTEGRATED CIRCUIT EMPHASIS
SPWM	SINUSOIDAL PULSE WIDTH MODULATION
SQUID	SUPERCONDUCTING QUANTUM INTERFERENCE DEVICE
SR	SWITCHED RELUCTANCE
SRAM	STATIC R.A.M.
SRD	SWITCHED RELUCTANCE DRIVES
SRM	SWITCHED RELUCTANCE MOTOR, SAMPLE RATE MULTIPLIER
SS	SUBSTRATE
SSC	SUPER-COLLIDER SEMICONDUCTOR
SSI	SMALL SCALE INTEGRATION
SSOP	SHRINK SMALL OUTLINE PACKAGE
SSR	SOLID STATE RELAY

STD	SILICON THERMOPLASTIC DIELECTRIC
SUS	SILICON UNILATERAL SWITCH
SVC	STATIC VAR CONTROL
SW	SWITCH
SWG	STANDARD WIRE GAUGE
t	TIME
T	TORQUE
TAM	TEMPORAL ASSOCIATIVE MEMORY
TB	TIME BASE
TCI	THYRISTOR CONTROLLED INDUCTOR
TCR	TEMPERATURE COMPENSATING RESISTOR
TDS	TRANSPUTER DEVELOPMENT SYSTEM
TEC	TONELADA EQUIVALENT DE CARBÓ
TENV	TOTALLY ENCLOSED NON VENTILATED
TEP	TONELADA EQUIVALENT DE PETROLI
TEFC	TOTALLY ENCLOSED FAN COOLED
TH	THYRISTOR
T/H	TRACK AND HOLD
THD	TOTAL HARMONIC DISTORTION
TM	TIME MODULATION
TMOS	T FLOWING CURRENT METAL OXIDE SILICON
TPI	TURS PER INCH
TPM	TOPOLOGY PRESERVING MAP
TQFP	THIN QUAD FLAT PACK
TQM	TOTAL QUALITY MANAGEMENT
TRIAC	THREE ELECTRODE ALTERNATING CURRENT (BIDIRECTIONAL TRIODE THYRISTOR)
TRT	TRANSISTOR
TRV	TORQUE PER UNIT ROTOR VOLUME
TSOOP	THIN SHRINK SMALL OUTLINE PACKAGE
TTL	TRANSISTOR-TRANSISTOR LOGIC
TUF	TRANSFORMER UTILITZATION FACTOR
UART	UNIVERSAL ASYNCHRONOUS RECEIVE TRANSMIT
UJT	UNIJUNCTION TRANSISTOR
ULF	UPPER LIMIT OF FREQUENCY
ULSI	ULTRA LARGE SCALE INTEGRATION
UNE	INSTITUTO ESPAÑOL DE NORMALIZACION
UNESA	UNIFICACION ELECTRICA (ESPAÑA)
UPS	UNINTERRUPTED POWER SUPPLY
UTE	UNION TECHNIQUE DE L'ELECTRICITÉ
UTS	ULTRA FAST SWITCHING
UV	ULTRAVIOLET
VCO	VOLTAGE CONTROLLER OSCILLATOR
VCVS	VOTAGE CONTROLLED VOLTAGE SOURCE
VDE	VERBAND DEUTSCHER ELEKTROTECHNIKER
VDMOS	VERTICAL DIFFUSED MOSFET
VDR	VOLTAGE DEPENDENT RESISTOR
V/F	VOLTAGE FREQUENCY CONVERSION
VFI	VOLTAGE FED INVERTER
VHDL	VERY HIGH SPEED INTEGRATED CIRCUIT DESCRIPTION LANGUAGE

VHS	VERY HIGH SPEED
VHV	VERY HIGH VOLTAGE
VLSI	VERY LARGE SCALE INTEGRATION
VMOS	VERTICAL METAL OXIDE SEMICONDUCTOR
VOM	VOLT OHM MILLIAMMETER
VP	PINCH-OFF VOLTAGE
VR	VARIABLE RELUCTANCE
VSD	VARIABLE SPEED DRIVE
VSI	VOLTAGE SOURCE INVERTER
VT	THRESHOLD VOLTAGE
VVVF	VARIABLE VOLTAGE VARIABLE FREQUENCY
WAN	WIDE AREA NET
WCA	WORST CASE ANALYSIS
WEMPEC	WISCONSIN ELECTRIC MACHINES AND POWER ELECTRONICS CONSORTIUM
WWW	WORLD WIDE NET
X-tal	CRYSTAL
Z	ZERO
ZCS	ZERO CURRENT SWITCHING
ZNR	ZINC OXIDE NON LINEAR RESISTOR
ZOH	ZERO ORDER HOLD
ZVS	ZERO VOLTAGE SWITCHING
a	CURRENT GAIN (B.J.T. COMMON-EMITTER CONFIGURATION)
b	CURRENT GAIN (B.J.T. COMMON-BASE CONFIGURATION)
μC	MICRO CONTROLLER
ω	ANGULAR SPEED