

## IEEE Abbreviations for Transactions, Journals, Letters

NOTE: \* denotes past acronyms/abbreviations of journals (used for pre-1988 publications).

Publication	Acronym	Reference Abbreviation
IEEE TRANSACTIONS ON ADVANCED PACKAGING	ADVP	<i>IEEE Trans. Adv. Packag.</i>
	CPMTB*	<i>IEEE Trans. Compon., Packag., Manuf. Technol. B*</i> (1994–1998)
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS	AES	<i>IEEE Trans. Aerosp. Electron. Syst.</i>
	ANE*	<i>IEEE Trans. Aeronaut. Navig. Electron.*</i>
	ANE*	<i>IEEE Trans. Aerosp. Navig. Electron.*</i>
	AS*	<i>IEEE Trans. Aerosp.*</i>
	MIL*	<i>IEEE Trans. Mil. Electron.*</i>
	AE*	<i>IEEE Trans. Airborne Electron.*</i>
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	AP	<i>IEEE Trans. Antennas Propag.</i>
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS	LAWP	<i>IEEE Antennas Wireless Propag. Lett.</i>
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	ASC	<i>IEEE Trans. Appl. Supercond.</i>
IEEE TRANSACTIONS ON AUTOMATIC CONTROL	AC	<i>IEEE Trans. Autom. Control</i>
IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING	ASE	<i>IEEE Trans. Autom. Sci. Eng.</i> (from July 2004)
IEEE TRANSACTIONS ON AUTONOMOUS MENTAL DEVELOPMENT	AMD	<i>IEEE Trans. Auton. Mental Develop.</i>
IEEE REVIEWS IN BIOMEDICAL ENGINEERING	RBME	<i>IEEE Rev. Biomed. Eng.</i>
IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	BME	<i>IEEE Trans. Biomed. Eng.</i>
	BME*	<i>IEEE Trans. Bio-Med. Eng.*</i>
	BME*	<i>IEEE Trans. Bio-Med. Electron.*</i>
	PGME*	<i>IEEE Trans. Med. Electron.*</i>
IEEE TRANSACTIONS ON BIOMEDICAL CIRCUITS AND SYSTEMS	BCAS	<i>IEEE Trans. Biomed. Circuits Syst.</i>
IEEE TRANSACTIONS ON BROADCASTING	BC	<i>IEEE Trans. Broadcast.</i>
	BC*	<i>IEEE Trans. Broadcast. Technol.*</i>
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS—I: REGULAR PAPERS	CSI	<i>IEEE Trans. Circuits Syst. I, Reg. Papers</i>
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS—II: EXPRESS BRIEFS	CSII	<i>IEEE Trans. Circuits Syst. II, Exp. Briefs</i>
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS—I: FUNDAMENTAL THEORY AND APPLICATIONS	CAS1*	<i>IEEE Trans. Circuits Syst. I, Fundam. Theory Appl.</i> (1993–2003)
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS—II: ANALOG AND DIGITAL SIGNAL PROCESSING	CAS2*	<i>IEEE Trans. Circuits Syst. II, Analog Digit. Signal Process.</i> (1993–2003)
	CAS*	<i>IEEE Trans. Circuits Syst.*</i> (1974–1992)
	CT*	<i>IEEE Trans. Circuit Theory*</i> (until 1973)
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY	CSVT	<i>IEEE Trans. Circuits Syst. Video Technol.</i>
IEEE TRANSACTIONS ON COMMUNICATIONS	COM	<i>IEEE Trans. Commun.</i>
	COM*	<i>IEEE Trans. Commun. Technol.*</i> (through 1971)
IEEE COMMUNICATIONS LETTERS	COMML	<i>IEEE Commun. Lett.</i>
IEEE TRANSACTIONS ON COMPONENTS AND PACKAGING TECHNOLOGY	COMML	<i>IEEE Trans. Compon. Packag. Technol.</i>
	CAPT	
	CPMTA*	<i>IEEE Trans. Compon., Packag., Manuf. Technol. A*</i> (1994–1998)
	CHMT*	<i>IEEE Trans. Compon., Hybrids, Manuf. Technol.*</i> (1978–1993)
	MFT*	<i>IEEE Trans. Manuf. Technol.*</i> (1972–1977)
	PHP*	<i>IEEE Trans. Parts, Hybrids, Packag.*</i> (June 1971–1977)
	PMP*	<i>IEEE Trans. Parts, Mater., Packag.*</i> (until 1971)

**Publication**

IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS  
 IEEE TRANSACTIONS ON COMPUTATIONAL INTELLIGENCE AND ARTIFICIAL INTELLIGENCE IN GAMES  
 IEEE COMPUTER ARCHITECTURE LETTERS  
 IEEE TRANSACTIONS ON CONSUMER ELECTRONICS  
 IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY  
 IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY  
 IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION

IEEE/OSA JOURNAL OF DISPLAY TECHNOLOGY  
 IEEE TRANSACTIONS ON EDUCATION  
 IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY

IEEE TRANSACTIONS ON ELECTRON DEVICES  
 IEEE ELECTRON DEVICE LETTERS  
 IEEE TRANSACTIONS ON ELECTRONICS PACKAGING MANUFACTURING

IEEE EMBEDDED SYSTEMS LETTERS  
 IEEE TRANSACTIONS ON ENERGY CONVERSION  
 IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT  
 IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION  
 IEEE TRANSACTIONS ON FUZZY SYSTEMS  
 IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING  
 IEEE GEOSCIENCE AND REMOTE SENSING LETTERS  
 IEEE TRANSACTIONS ON IMAGE PROCESSING  
 IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS  
 IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY  
 IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS  
 IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS  
 IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE  
 IEEE TRANSACTIONS ON INFORMATION THEORY  
 IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS  
 IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING  
 IEEE/OSA JOURNAL OF LIGHTWAVE TECHNOLOGY  
 IEEE TRANSACTIONS ON MAGNETICS  
 IEEE/ASME TRANSACTIONS ON MECHATRONICS  
 IEEE TRANSACTIONS ON MEDICAL IMAGING  
 IEEE/ASME JOURNAL OF MICROELECTROMECHANICAL SYSTEMS  
 IEEE MICROWAVE AND GUIDED WAVE LETTERS  
 IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS

IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES

**Acronym Reference Abbreviation**

CAD *IEEE Trans. Comput.-Aided Design Integr. Circuits Syst.*

CIAIG *IEEE Trans. Comput. Intell. AI in Games.*  
*IEEE Comput. Archit. Lett.*

CE *IEEE Trans. Consum. Electron.*

CST *IEEE Trans. Control Syst. Technol.*

DMR *IEEE Trans. Device Mater. Rel.*

DEI *IEEE Trans. Dielectr. Electr. Insul.*

EI\* *IEEE Trans. Electr. Insul.\**  
(until 1993)

DT *J. Display Technol.*

E *IEEE Trans. Educ.*

EMC *IEEE Trans. Electromagn. Compat.*

RFI\* *IEEE Trans. Radio Freq. Interference\**

ED *IEEE Trans. Electron Devices*

EDL *IEEE Electron Device Lett.*

EPM *IEEE Trans. Electron. Packag. Manuf.*

CPMT  
C\* *IEEE Trans. Compon., Packag., Manuf. Technol. C\* (1996–1998)*

ES *IEEE Embedded Syst. Lett.*

EC *IEEE Trans. Energy Convers.*

EM *IEEE Trans. Eng. Manag.*

EVC *IEEE Trans. Evol. Comput.*

FUZZ *IEEE Trans. Fuzzy Syst.*

GRS *IEEE Trans. Geosci. Remote Sens.*

GRSL *IEEE Geosci. Remote Sens. Lett.*

IP *IEEE Trans. Image Process.*

IE *IEEE Trans. Ind. Electron.*

IFS *IEEE Trans. Inf. Forensics Security*

IINF *IEEE Trans Ind. Informat.*

IA *IEEE Trans. Ind. Appl.*

ITB *IEEE Trans. Inf. Technol. Biomed.*

IT *IEEE Trans. Inf. Theory*

IM *IEEE Trans. Instrum. Meas.*

I, PGI\* *IEEE Trans. Instrum.\**

ITS *IEEE Trans. Intell. Transp. Syst.*

KDE *IEEE Trans. Knowl. Data Eng.*

LT *J. Lightw. Technol.*

MAG *IEEE Trans. Magn.*

MECH *IEEE/ASME Trans. Mechatronics*

MI *IEEE Trans. Med. Imag.*

MEMS *J. Microelectromech. Syst.*

MGWL *IEEE Microw. Guided Wave Lett. (until 2002)*

LMWC *IEEE Microw. Wireless Compon. Lett.*

MTT *IEEE Trans. Microw. Theory Tech.*

<b>Publication</b>	<b>Acronym</b>	<b>Reference Abbreviation</b>
IEEE TRANSACTIONS ON MULTIMEDIA	MM	<i>IEEE Trans. Multimedia</i>
IEEE TRANSACTIONS ON MOBILE COMPUTING	MC	<i>IEEE Trans. Mobile Comput.</i>
IEEE TRANSACTIONS ON MULTIMEDIA	MM	<i>IEEE Trans. Multimedia</i>
IEEE TRANSACTIONS ON NANOBIOSCIENCE	NB	<i>IEEE Trans. Nanobiosci.</i>
IEEE TRANSACTIONS ON NANOTECHNOLOGY	NANO	<i>IEEE Trans. Nanotechnol.</i>
IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT	NSM	<i>IEEE Trans. Netw. Service Manag.</i>
IEEE/ACM TRANSACTIONS ON NETWORKING	NET	<i>IEEE/ACM Trans. Netw.</i>
IEEE TRANSACTIONS ON NEURAL NETWORKS	NN	<i>IEEE Trans. Neural Netw.</i>
IEEE TRANSACTIONS ON NUCLEAR SCIENCE	NS	<i>IEEE Trans. Nucl. Sci.</i>
IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING	NSRE	<i>IEEE Trans. Neural Syst. Rehabil. Eng.</i>
IEEE TRANSACTIONS ON REHABILITATION ENGINEERING	RE*	<i>IEEE Trans. Rehabil. Eng.*</i> (1993–2000)
IEEE JOURNAL OF OCEANIC ENGINEERING	OE	<i>IEEE J. Ocean. Eng.</i>
IEEE JOURNAL OF OPTICAL COMMUNICATIONS AND NETWORKING	OCN	<i>IEEE J. Opt. Commun. Netw.</i>
IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	PDS	<i>IEEE Trans. Parallel Distrib. Syst.</i>
IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	PAMI	<i>IEEE Trans. Pattern Anal. Mach. Intell.</i>
IEEE PHOTONICS TECHNOLOGY LETTERS	PTL	<i>IEEE Photon. Technol. Lett.</i>
IEEE PHOTONICS JOURNAL	PJ	<i>IEEE Photon. J.</i>
IEEE TRANSACTIONS ON PLASMA SCIENCE	PS	<i>IEEE Trans. Plasma Sci.</i>
IEEE TRANSACTIONS ON POWER APPARATUS AND SYSTEMS	PAS*	<i>IEEE Trans. Power App. Syst.*</i> (through 1985)
IEEE TRANSACTIONS ON POWER DELIVERY	PWRD	<i>IEEE Trans. Power Del.</i>
IEEE TRANSACTIONS ON POWER ELECTRONICS	PEL	<i>IEEE Trans. Power Electron.</i>
IEEE POWER ELECTRONICS LETTERS	LPEL	<i>IEEE Power Electron Lett.</i>
IEEE TRANSACTIONS ON POWER SYSTEMS	PWRS	<i>IEEE Trans. Power Syst.</i>
IEEE JOURNAL OF PRODUCT SAFETY ENGINEERING		<i>IEEE J. Product Safety Eng.</i>
IEEE TRANSACTIONS ON PROFESSIONAL COMMUNICATION	PC	<i>IEEE Trans. Prof. Commun.</i>
IEEE JOURNAL OF QUANTUM ELECTRONICS	QE	<i>IEEE J. Quantum Electron.</i>
IEEE TRANSACTIONS ON RELIABILITY	R	<i>IEEE Trans. Rel.</i>
IEEE TRANSACTIONS ON ROBOTICS	RO	<i>IEEE Trans. Robot..</i>
IEEE TRANSACTIONS ON ROBOTICS AND AUTOMATION	RA*	<i>IEEE Trans. Robot. Autom.*</i> (1989–June 2004)
	RA*	<i>IEEE J. Robot. Autom.*</i> (1985–1988)
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS IN REMOTE SENSING	STAERS	<i>IEEE J. Sel. Topics Appl. Earth Observ.</i>
IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	SAC	<i>IEEE J. Sel. Areas Commun.</i>
IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	STQE	<i>IEEE J. Sel. Topics Quantum Electron.</i>
IEEE JOURNAL OF SELECTED TOPICS IN SIGNAL PROCESSING	STSP	<i>IEEE J. Sel. Topics Signal Process.</i>
IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING	SM	<i>IEEE Trans. Semicond. Manuf.</i>
IEEE SENSORS JOURNAL	SEN	<i>IEEE Sensors J.</i>
IEEE TRANSACTIONS ON SIGNAL PROCESSING	SP	<i>IEEE Trans. Signal Process.</i>
	ASSP*	<i>IEEE Trans. Acoust., Speech, Signal Process.*</i> (1975–1990)
	AU*	<i>IEEE Trans. Audio Electroacoust.</i> (until 1974)
IEEE SIGNAL PROCESSING LETTERS	SPL	<i>IEEE Signal Process. Lett.</i>
IEEE SYSTEMS JOURNAL	SYSJ	<i>IEEE Syst. J.</i>
IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	SE	<i>IEEE Trans. Softw. Eng.</i>
IEEE JOURNAL OF SOLID-STATE CIRCUITS	SSC	<i>IEEE J. Solid-State Circuits</i>
IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING	SAP	<i>IEEE Trans. Speech Audio Process.</i>
IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS—PART A: SYSTEMS AND HUMANS	SMCA	<i>IEEE Trans. Syst., Man, Cybern. A, Syst., Humans</i>

Publication	Acronym	Reference Abbreviation
IEEE Transactions on Sustainable Energy	STE	<i>IEEE Trans. Sustainable Energy</i>
IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS—PART B: CYBERNETICS	SMCB	<i>IEEE Trans. Syst., Man, Cybern. B, Cybern.</i>
IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS—PART C: APPLICATIONS AND REVIEWS	SMCC	<i>IEEE Trans. Syst., Man, Cybern. C, Appl. Rev.</i>
	SMC*	<i>IEEE Trans. Syst., Man, Cybern.*</i> (1971–1995)
	SSC*	<i>IEEE Trans. Syst. Sci. Cybern.*</i> (through 1970)
IEEE TRANSLATION JOURNAL ON MAGNETICS IN JAPAN	TJMJ	<i>IEEE Transl. J. Magn. Jpn.</i>
	MMS*	<i>IEEE Trans. Man-Mach. Syst.*</i> (through 1970)
	HFE*	<i>Hum. Factors Electron.*</i> (through 1968)
IEEE JOURNAL ON TECHNOLOGY IN COMPUTER AIDED DESIGN	JTCAD	<i>IEEE J. Technol. Computer Aided Design</i>
IEEE TRANSACTIONS ON ULTRASONICS, FERROELECTRICS, AND FREQUENCY CONTROL	UFFC	<i>IEEE Trans. Ultrason., Ferroelectr., Freq. Control</i>
	SU*	<i>IEEE Trans. Sonics Ultrason.*</i> (through 1985)
	UE*	<i>IEEE Trans. Ultrason. Eng.*</i>
	PGUE*	<i>IEEE Trans. Ultrason. Eng.*</i>
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	VT	<i>IEEE Trans. Veh. Technol.</i>
	VC*	<i>IEEE Trans. Veh. Commun.*</i>
IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	VLSI	<i>IEEE Trans. Very Large Scale Integr. (VLSI) Syst.</i>
IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	VCG	<i>IEEE Trans. Vis. Comput. Graphics</i>
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	WC	<i>IEEE Trans. Wireless Commun.</i>
PROCEEDINGS OF THE IEEE		<i>Proc. IEEE</i> <i>Proc. IRE* (through 1962)</i>

## List of IEEE Magazines

### Magazines

IEEE Aerospace and Electronics Systems Magazine  
 IEEE Annals of the History of Computing  
 IEEE Antennas and Propagation Magazine  
 IEEE ASSP Magazine (1984–1990)  
 IEEE Circuits and Systems Magazine (1979–1984)  
 IEEE Circuits and Devices Magazine (1985–present)  
 IEEE Communications Society Magazine (through 1978)  
 IEEE Communications Magazine (1979–present)  
 IEEE Computational Intelligence Magazine  
 IEEE Computational Science and Engineering  
 IEEE Computer Applications in Power  
 IEEE Computer Graphics and Application  
 IEEE Concurrency  
 IEEE Control Systems Magazine  
 IEEE Design & Test of Computers  
 IEEE Electrical Insulation Magazine  
 IEEE ElectroTechnology Review  
 IEEE Engineering in Medicine and Biology Magazine  
 IEEE Engineering Management Review  
 IEEE Expert (through 1997)  
 IEEE Industrial Electronics Magazine  
 IEEE Industry Applications Magazine  
 IEEE Instrumentation and Measurement Magazine  
 IEEE Intelligent Systems (formerly IEEE Expert)  
 IEEE Internet Computing  
 IEEE IT Professional  
 IEEE Micro  
 IEEE Microwave Magazine  
 IEEE MultiMedia  
 IEEE Nanotechnology Magazine  
 IEEE Network  
 IEEE Personal Communications  
 IEEE Potentials  
 IEEE Power and Energy Magazine  
 IEEE Power Engineering Review  
 IEEE Robotics and Automation Magazine  
 IEEE Signal Processing Magazine (1991–present)  
 IEEE Solid State Circuits Magazine  
 IEEE Security and Privacy  
 IEEE Software  
 IEEE Spectrum  
 IEEE Technology and Society Magazine  
 IEEE Vehicular Technology Magazine  
 Communications Surveys and Tutorials  
 Computer  
 Internet Computing  
 Pervasive Computing  
 Today's Engineer  
 Wireless Communications

### Reference Abbreviation

*IEEE Aerosp. Electron. Syst. Mag.*  
*IEEE Ann. Hist. Comput.*  
*IEEE Antennas Propag. Mag.*  
*IEEE ASSP Mag.*  
*IEEE Circuits Syst. Mag.*  
*IEEE Circuits Devices Mag.*  
*IEEE Commun. Soc. Mag.*  
*IEEE Commun. Mag.*  
*IEEE Comput. Intell. Mag.*  
*IEEE Comput. Sci. Eng.*  
*IEEE Comput. Appl. Power*  
*IEEE Comput. Graph. Appl.*  
*IEEE Concurrency*  
*IEEE Control Syst. Mag.*  
*IEEE Des. Test. Comput.*  
*IEEE Electr. Insul. Mag.*  
*IEEE ElectroTechnol. Rev.*  
*IEEE Eng. Med. Biol. Mag.*  
*IEEE Eng. Manag. Rev.*  
*IEEE Expert*  
*IEEE Ind. Electron. Mag.*  
*IEEE Ind. Appl. Mag.*  
*IEEE Instrum. Meas. Mag.*  
*IEEE Intell. Syst.*  
*IEEE Internet Comput.*  
*IEEE IT Prof.*  
*IEEE Micro*  
*IEEE Microw. Mag.*  
*IEEE Multimedia*  
*IEEE Nanotechnol. Mag.*  
*IEEE Netw.*  
*IEEE Pers. Commun.*  
*IEEE Potentials*  
*IEEE Power Energy Mag.*  
*IEEE Power Eng. Rev.*  
*IEEE Robot. Autom. Mag.*  
*IEEE Signal Process. Mag.*  
*IEEE Solid State Circuits Mag.*  
*IEEE Security Privacy*  
*IEEE Softw.*  
*IEEE Spectr.*  
*IEEE Technol. Soc. Mag.*  
*IEEE Veh. Technol. Mag.*  
*Commun. Surveys Tuts.*  
*Computer*  
*Internet Comput.*  
*Pervasive Comput.*  
*Today's Engineer*  
*Wireless Commun.*