

STANDARD SYMBOLS FOR UNITS OF MEASURE

	AIP	IEEE	CDR	APS
ampere	A	A	A	A
ampere hour	Ah	Ah	A·h	A·h
ampere turn	At	A	A	At
angstrom	Å	Å		Å
atmosphere, std	atm	atm	atm	atm
atomic mass unit	amu	u		amu
atomic percent	at. %	—		at. %
atomic unit	a.u.	—		a.u.
atomic weight	at.wt.	—		at.wt.
bar	bar	bar	bar	bar
British Thermal Unit	Btu	Btu		Btu
calorie (cgs)	cal	cal		cal
centimeter	cm	cm	cm	cm
coulomb	C	C	C	C
cubic centimeter	cm ³	cm ³		cm ³
cycles per second	Hz, cps, c/s, c/sec	Hz, c/s	Hz	Hz
cubic meter		m ³		m ³
decibel	dB	dB	dB	dB
decibel above 1 mW	dBm	—		dBm
degree (plane angle)	...°, deg	...°	...°, deg	...°, deg
degree Celsius	°C	°C	°C	°C
degree Fahrenheit	°F	°F	°F	°F
electromagnetic unit	emu	—		emu
electron volt	eV	eV	eV	eV
electron volt second			eV·s	eV·s
flow			gpm, gal/min	gpm
farad	F	F	F	F
femtometer	fm	f		fm

	AIP	IEEE	CDR	APS
gallons	gal	gal	gal	gal
gauss	G	G		G
giga cycles/sec	GHz, Gc/s, Gc/sec	GHz	GHz	GHz
giga-electron-volt	GeV	GeV	GeV	GeV
gigahertz	GHz	GHz	GHz	GHz
gigavolt	GV	–		GV
gram	g	g	g	g
henry	H	H	H	H
hertz	Hz	Hz	Hz	Hz
hour	h	h	h	h
joule	J	J	J	J
kelvin	K	K	K	K
kilocalorie	kcal	–		kcal
kilocycles/sec	kHz, kc/s, kc/sec	kHz	kHz	kHz
kiloelectron volt	keV	–	keV	keV
kilogauss	kG	kG		kG
kilogram	kg	kg	kg	kg
kilohertz	kHz	kHz	kHz	kHz
kiloohm	k Ω	k Ω	k Ω	k Ω
kilojoule	kJ	–	kJ	kJ
kilometer	km	km	km	km
kilovolt	kV	kV	kV	kV
kilovolt Ampere	kVA, kV·A	kVA		kV·A
kilowatt	kW	kW	kW	kW
kilowatt hour	kWh, kW·h	kWh		kW·h
liter	ℓ	L	ℓ	ℓ
liter per second	–	L/s	ℓ /s, L/s	ℓ /s
mega cycles per sec	MHz, Mc/s, Ms/sec	MHz	MHz	MHz
mega electron volt	MeV	MeV	MeV	MeV
megahertz	MHz	MHz	MHz	MHz

	AIP	IEEE	CDR	APS
megarad (dose)	Mrad	Mrd		Mrd
megavolt	MV	MV	MV	MV
megawatt	MW	MW	MW	MW
megohm	MΩ	MΩ	MΩ	MΩ
meter	m	m	m	m
microampere	μA	μA	μA	μA
microampere hour	μA·h, μAh			μA·h
microcoulomb	μC	–	μC	μC
microfarad	μF	μF	μF	μF
microhenry		μH		μH
microhm	μΩ	–		μΩ
micrometer	μm	μm		μm
microrad (dose)	–	–		μrd
micron	μ	μm		μ
micropervance			μP	μP
microsecond	μs, μsec	μs	μs	μs
milliampere	mA	mA	mA	mA
milli electron volt	meV	–	meV	meV
milligram	mg	mg	mg	mg
millihenry	mH	mH	mH	mH
millimeter	mm	mm	mm	mm
millirad (dose)	–	–	–	mrd
million electron volt	MeV	–	MeV	MeV
millitorr	mTorr		mTorr	mTorr
millivolt	mV	mV	mV	mV
milliwatt	–	mW	mW	mW
minute (time)	min	min	min	min
minute (plane angle)	'	...'	'	'
mole	mol	mol	mole	mol
nano	–	n	n	n
nanoamp		nA	nA	nA
nanometer	nm	nm	nm	nm
nanosecond	ns, nsec	ns	ns	ns
neper	Np	Np	Neper	Np
neutrons/sec	n/s, n/sec			n/s
newton	N	N		N

	AIP	IEEE	CDR	APS
ohm	Ω	Ω	Ω	Ω
ohm centimeter	Ωcm , $\Omega\cdot\text{cm}$			Ωcm
ohms/square	Ω/sq , $\Omega/$			Ω/sq
ounce	oz	oz (avoir- dupois)		oz
pulse per second			pps	p/s
pulse per minute			p/min	p/min
parts per million	ppm	–	ppm	ppm
picofarad	pF	pF	pF	pF
picosecond	ps, psec	ps	ps	ps
pounds per square inch	psi	lb/in ²	psi	psi
pounds force per square inch	lb/in ²	lb _f /in ²	lb/in ²	lb/in ²
pounds per sq. in absolute	psia	–		psia
pounds per sq. in gauge	psig	–	psig	psig
rad (dose)	spell out	rd		rd
radian	rad	rad	rad	rad
reciprocal ohm	s, mho	–		mho
revolutions per minute	rpm	r/m		rpm
revolutions per second	rev/s, rps, rev/sec	r/s		rps
second (time)	s, sec	s	s	s
second (plane angle)	”	...”	”	”
siemen	S	S	–	S
square centimeter			sq.cm	cm ²
tesla	T	T	T	T
torr	Torr	–	Torr	Torr
volts	V	V	V	V
volume percent	vol%			vol.%
volt/meter	V/m		V/m	V/m
watt	W	W	W	W
weber	Wb	Wb	–	Wb
weight percent	wt.%	–		wt.%