

COMMON SYME	OLS & UN	ITS
Quantity	Symbol	<u>Unit</u>
Time	t	seconds (s)
Frequency	f	hertz (Hz)
Radian Frequency	ω	radians/sec (rad/s)
Energy	w	joules (J)
Power	р	watts (W)
Charge	q	coulombs (C)
Current	i	amperes (A)
Voltage	v	volts (V)
sawyes@rpi.edu www.rpi.edu	/~sawyes	Rensselaer



COMM	ION I	PREF	IXES	
		I	v	<u>P</u>
<b>10</b> <sup>12</sup>	Tera	TA	т	тw
<b>10</b> 9	Giga	GA	GV	GW
<b>10</b> <sup>6</sup>	Mega	MA	MV	MW
<b>10</b> <sup>3</sup>	kilo	kA	kV	kW
<b>10</b> º		Α	V	w
<b>10</b> -3	milli	mA	mV	mW
<b>10</b> <sup>-6</sup>	micro	uA	uV	uW
<b>10</b> -9	nano	nA	nV	nW
<b>10</b> <sup>-12</sup>	pico	pА	рV	рW
sawyes@rpi.edu	www.rpi.edu	/~sawyes		🕲 Rensselaer 💿



I (current)	V (voltage)	P (power)
A	V	W
mA	V	mW
А	mV	mW
uA	kV	mW
etc.		





























































































