





EECS 42 Intro electronics for CS Spring 2003 Lecture 2: 01/20/03 A.P. Neurouther				
LECS 42 Intro. electronics for CS Spring 2005 Lecture 2: 01/29/05 A.K. Neureuther				
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We use metric ("SI") units in electrical engineering.				
The important ones are:				
Energy -	E	Joules	(J)	
Power -	Р	Watts	(Ŵ)	
Charge -	Q	Coulomb	(C)	
Current -	I I	Ampere	(A)	
Potential -	V	Volt	(V)	
Resistance -	R	Ohm	(Ω)	(V/I)
Capacitance -	C	Farad	(F)	(C V)
Inductance -	L	Henry	(H)	(Vsec/A)
PREFIA	£	10-15		
nino	n	10-12		
pico	p	10-9		
micro	m	10-6		
milli	m	10-3		
kilo	k	10 ³		
mena	M	106		
nicga	G	10 ⁹		
giga	0	10		



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measured with respect to V_b)















