

ECE 4510/5530 Parts Kits 2012 Spring Price: \$85

Digikey	Quan	Description	Part Number
	2	74HCT00	497-1891-5-ND
	2	74HCT540	296-8419-5-ND
	2	DIP switch 8 pos. CTS 208-8 or eqv.	CT2088-ND
	1	DAC0832LCN 8-bit D/A dbl buf	DAC0832LCN-ND
	5	12k Ohm 1/4 Watt Resistor	12KQBK-ND
	4	SN74HCT541N	296-1619-5-ND
	1	LM1488N (75188) Quad Line Driver or e	296-1742-5-ND
	1	LM1489N (75189) Quad Line Receiver o	296-1744-5-ND
	5	2.2k Ohm 1/4 Watt Resistor	2.2KQBK-ND
	1	Cap, Radial, 10uF, 16V	P966-ND
	5	1k Ohm 1/4 Watt Resistor	1.0KQBK-ND
	1	2N3904 Transistor	2N3904FS-ND
	1	2N3906 Transistor	2N3906FS-ND
	1	1N4003 Diode, Sil Rect, 200PRV 1A	1N4003DICT-ND
	2	LED bargraph (8 pos.) Lite-On LTA-100C	160-1066-ND
	1	IC Temp Sensor TO-92	LM35DZ-ND
	3	LED 7-seg .39" Red CA	160-1578-5-ND
	2	Cap, Mylar, .047uF, 100V	P4521-ND
EIExp	2	Switch SPDT E-Switch 100SP3T1B1M1C	17TOGSDC
	2	LM741CN Op-amp (or equivalent)	10741
	2	10k Ohm Res Netw. 16DIP Bourns 4116	13D10K
	2	330 Ohm Res Netw. 16DIP Bourns 4116	13D330
	1	Relay DIP, 5VDC, DPDT	22RZ5
	1	Anti-Static Wrist Band	0302-BWS201
	2	Banana cable Male-Male stacking pair (r	05ALS4
	2	10k Ohm trim pot	18MPT10K
	1	Wire Jumper Kit approx 350 Pieces	2700WJW60B
Parallax	1	PING))) Ultrasonic Sensor	28015

ECE 5530 Parts Kit Supplement Price: \$95

	Same as ECE 451 kit with the addition of the following		
411 Tech Systems	1	LCD 16x2 char, HD 47780 Controller	SSC2F16DLNW-S
Digikey	3	SN74HCT541N	296-1619-5-ND