

Niagara College Photonics Electro Technology I Kit 2006/2007

Part Number	Description	Prts in Kit
1N4742A	Zener Diode 12V	2
1N5240	Zener Diode 10V	1
1N4735A	Zener Diode 6.2V	2
1N4733A	Zener Diode 5.1V	2
1N4007	Diode Si Power	8
2N3904	NPN Signal Transistor	6
037-31471	470uF Phillips Cap 50V	2
037-58101	100uF Phillips Cap 63V	2
037-58479	47uF Phillips Cap 63V	2
037-58109	10uF Phillips Cap 63V	2
037-58478	4.7uF Phillips Cap 63V	2
037-58108	1.0uF Phillips Cap 63V	2
368-25104	0.1uF Capacitor 100VDC	2
368-25474	0.47uF Capacitor 100VDC	2
B32592-1.0-10-100	1.0uF Capacitor 100VDC	4
366-85223	0.022uF Capacitor 100VDC	2
630-09122	1200pF Phillips Capacitor	1
70F102AI	10 mH Inductor	2
410-03357	10K Trim Pot	2
410-03364	1M Trim Pot	2
CR25-1R	0.25W 1R Resistor	5
CR25-1R5	" 1R5	5
CR25-2R2	" 2R2	5
CR25-3R3	" 3R3	5
CR25-5R6	" 5R6	5
CR25-8R2	" 8R2	5
CR25-10R	" 10R	10
CR25-15R	" 15R	5
CR25-22R	" 22R	5
CR25-33R	" 33R	5
CR25-47R	" 47R	5
CR25-56R	" 56R	5
CR25-68R	" 68R	5
CR25-82R	" 82R	5
CR25-100R	" 100R	10
CR25-150R	" 150R	5
CR25-220R	" 220R	5
CR25-270R	" 270R	10
CR25-330R	" 330R	5
CR25-470R	" 470R	10
CR25-560R	" 560R	5
CR25-680R	" 680R	5
CR25-820R	" 820R	5
CR25-910R	" 910R	5

Part Number	Description	Prts in Kit
CR25-1K	0.25W 1K Resistor	10
CR25-1K2	" 1K2	5
CR25-1K5	" 1K5	5
CR25-2K	" 2K	5
CR25-2K2	" 2K2	5
CR25-3K3	" 3K3	5
CR25-3K6	" 3K6	5
CR25-3K9	" 3K9	5
CR25-4K7	" 4K7	10
CR25-5K6	" 5K6	5
CR25-6K8	" 6K8	5
CR25-8K2	" 8K2	5
CR25-10K	" 10K	10
CR25-15K	" 15K	5
CR25-20K	" 20K	5
CR25-22K	" 22K	5
CR25-33K	" 33K	5
CR25-39K	" 39K	5
CR25-47K	" 47K	10
CR25-56K	" 56K	5
CR25-68K	" 68K	5
CR25-82K	" 82K	5
CR25-100K	" 100K	10
CR25-150K	" 150K	5
CR25-220K	" 220K	5
CR25-330K	" 330K	5
CR25-470K	" 470K	10
CR25-560K	" 560K	5
CR25-680K	" 680K	5
CR25-820K	" 820K	5
CR25-1M	" 1M0	5
CR25-1M5	" 1M5	5
CR25-2M2	" 2M2	5
CR25-3M3	" 3M3	5
CR25-5M6	" 5M6	5
CR25-8M2	" 8M2	5
CR25-10M0	" 10M0	5
GL-12-ECL	Breadboard	1
TL-140	BNC to Alligator Clip	3
TL-135	Stackable Banana Plug to Alligator Clip	3
TL-150	Alligator Test Lead Set (pkg of 10)	1
BNC-110	BNC to BNC Cable	1
	Miller Wire Strippers	1
	Safety Glasses	1