

Part Description	Part number	Vendor	Quantity	\$ each	\$ total
74HC14	512-MM74HC14N	mouser	1	0.4	0.4
74HC74	512-MM74HC74AN	mouser	1	0.4	0.4
74HC08	595-SN74HC08N	mouser	1	0.4	0.4
LM311 comparator	512-LM311N	mouser	1	0.33	0.33
UCC27423 gate driver	595-UCC27423P	mouser	1	2	2
7805 regulator	511-L7805ACV	mouser	1	0.57	0.57
7809 regulator	511-L7809ACV	mouser	1	0.57	0.57
7824 regulator	511-L7824ACV	mouser	1	0.57	0.57
STB16NF06 Nfet	511-STB16NF06L	mouser	2	0.63	1.26
STB16PF06 Pfet	511-STB16PF06L	mouser	2	0.67	1.34
10uF SMD	81-GRM31CF51E106ZA01	mouser	4	0.58	2.32
1uF SMD	80-C0805C105Z4V	mouser	2	0.09	0.18
.1uF SMD	VJ0805Y104KXAAT	mouser	10	0.03	0.3
22nF 0805 SMD	80-C0805C223K1R	mouser	1	0.04	0.04
100uF 35V lytic	647-UPJ1V101MPD	mouser	1	0.4	0.4
330uF 25V lytic	661-ELXZ250ELL331MH1	mouser	3	0.23	0.69
100V 1.5A bridge	625-W01G-E4	mouser	1	0.52	0.52
4.7V 5W zener	863-1N5337BG	mouser	2	0.27	0.54
1n5819 schottky	821-1N5819	mouser	6	0.09	0.54
1n4148 diode	512-1N4148	mouser	10	0.03	0.3
10k trimpot	72-T93YA-10K	mouser	1	1.2	1.2
1k 0805 SMD	292-1.0K-RC	mouser	4	0.04	0.16
470 ohm 0805	260-470-RC	mouser	1	0.04	0.04
1k 1206 SMD	CRCW12061K00FKEB	mouser	1	0.1	0.1
20k 0805 SMD	292-20k-RC	mouser	2	0.04	0.08
10 ohm .5W	660-CF1/2CT52R100J	mouser	2	0.1	0.2
100 ohm .25W	660-CF1/4C101J	mouser	1	0.1	0.1
blue LED	638-264-7SUBCC4704	mouser	2	0.53	1.06
pin header strip 1x20	571-21031850	mouser	1	1.85	1.85
18V 1A xfrmr	LP433	MPJA	3.1	1	3.1
ferrite toroids	G6683	Goldmine	0.99	1	0.99
Stand-offs					0
Pin connectors					0
GDT toroid	dunno yet	TSC ferrite	1		0
Fiber Optic Rx	OPF2412T	Future ele	1	13.8	13.8
					0
					0
					0
					0
					36.35

note!

This does not include the parts you need for the bridge or controller!