

Strobe Burst Controller BOM Revision 1

Part Value

Description	Mouser P/N	QTY.
P1 Tyco Terminal Block 2P Vertical	571-7969492	1
F1 1 amp Fuse 5mm x 20mm	504-BK/S500-1-R	1
F1 Fuse holder	576-01110501N	2
C1,2 22pf 50V MLCC needed for PIC16F723	810-FK18C0G1H220J	2
C3 .33uf cap	81-RDER71H334K1K103B	1
C4,5,6,7 .1uf cap	81-RPEF51104Z2S2A03A	4
D1 1N5229 (4.3v)	78-1N5229B	1
D2 1N5239 (9.1v)	78-1N5239B	1
IC2 65LBC179	595-SN65LBC179P	1
IC4 LM7805CT	512-LM7805CT	1
28 Pin IC Socket	517-4828-3000-CP	1
IC5 PIC18F2525,2620 or PIC16F723	579-PIC18F2525-I/P	1
ICSP 6 pin header	571-6404526	1
JPl XBheader 5 pin header	571-640452-5	1
Shunt for XBheader	737-MS-C	1
J1-J18 RJ45 Jack	571-5555164-1	18
FE Led yellow 3 or 5MM LED	604-WP132XYD	1
Power,DC,HB Led Red 3 or 5MM LED	604-WP132XID	3
RX Led Green 3 or 5MM LED	604-WP132XGD	1
R4,5,6 1k ohm resistor 1/4 watt	291-1k-RC	3
R8,9,10 330 ohm resistor 1/4 watt	291-330-RC	3
R7 10k ohm resistor 1/4 watt	291-10k-RC	1
R1 120 ohm resistor 1/4 watt	291-120-RC	1
R2,3 27k ohm resistor 1/4 watt	291-27k-RC	2
Q1 16MHZ Crystal OSC	520-200-18-4XEN	1
Optional 8 pin IC socket	517-4808-3004-Cp	1

Omit C1,C2 and Q1 if using internal Oscillator

Mouser project link

<http://www.mouser.com:80/ProjectManager/ProjectDetail.aspx?AccessID=ad0eec134>