Radio Shack MIDI Lights – Ordering Board Bill Of Materials

Quantity	Part	Vendor	Part Number
1	1N4148 Diode	Radio Shack	276-1122
8	Red LED	Radio Shack	276-0041
8	1N4004 Rectifier Diode	Radio Shack	276-1103
4	PC Board Terminals	Radio Shack	276-1388
1	100 Ohm 1/4W Resistor	Radio Shack	276-1311
1	220 Ohm 1/4W Resistor	Radio Shack	271-1313
4	560 Ohm, 1/2W Resistor	Radio Shack	271-1116
4	100K Ohm 1/4W Resistor	Radio Shack	271-1347
5	10K Ohm 1/4W Resistor	Radio Shack	271-1335
16	12VDC PC Mount Relay	Radio Shack	275-241
1	SPDT Center Off Toggle Switch	Radio Shack	275-0325
1	SPST Toggle Switch	Radio Shack	275-0324
16	2N2222 NPN BJT Transistor	Radio Shack	276-2009
1	Arduino Uno Rev 3	Radio Shack	276-128
1	Arduino Maker Shield	Radio Shack	276-138
1	Enercell DC Power Adapter	Radio Shack	273-318
1	Enercell K Size Adaptaplug	Radio Shack	273-342
1	MIDI Connector	Spark Fun Electronics	PRT-09536
1	0.1" Pin Headers	Spark Fun Electronics	PRT-00116
2	2 Pin, 6" Jumper Wire	Spark Fun Electronics	PRT-10367
1	3 Pin, 6" Jumper Wire	Spark Fun Electronics	PRT-10368
1	4 Pin, 6" Jumper Wire	Spark Fun Electronics	PRT-10369
1	2 Pin, 12" Jumper Wire	Spark Fun Electronics	PRT-10372
1	3 Pin, 12" Jumper Wire	Spark Fun Electronics	PRT-10373
1	DC Power Connector	DigiKey	CP-202A
1	SPDT Slide Switch	DigiKey	450-1598
1	6N138 Optocoupler	DigiKey	6N138QT
2	74HC595 Shift Register	DigiKey	296-1600-5
1	9.52mm Terminal Blocks	DigiKey	ED2677
1	15A Slow Blow Fuse	DigiKey	F2649
1	15A PC Board Fuse Holder	DigiKey	F1498

Sources:

Radio Shack	www.radioshack.com
Spark Fun Electronics	www.sparkfun.com
DigiKey	www.digikey.com