

Component	Count
10K resistors	96
1K resistors	57
NPN Transistors (BC547)	93
LED (3mm blue)	5
4 Way SPST DIP switch	2
DC power jack	2
DC barrel jack	1
3 position SPDT switch	1
5V regulator	1
SN7483AN IC	1
black/red wire	
male/female header pins	
10mm male/female standoffs	
3M screws	6
12V DC power supply	1

Tools
soldering iron
solder
helping hands
wire cutter/striper
3D printer