

R1 270 Ohm
R2 4K7
R3 220 Ohm
R4, R5, R6, R7 10K
R8, R9, R10, R11 560 Ohm

D1 1N4148

U1 6N138

1 x Arduino NANO

4 x Tri Colour LED RGB LED | 10 mm | Common Cathode | Diffuse



1 x Mini Latching Toggle Switch DPDT On-On



2 x Mini Latching Toggle Switch SPDT On-Off-On



1 x DIN5 Chassis Socket



1 x 1591DTCL Hammond Clear Polycarbonate Enclosure Box 150 x 80 x 50mm



1 x Mini USB 5pin Male to USB 2.0 B Female Socket Printer Panel Mount Cable



In order to attach the PCB and Matrix to the box, you'll need M3 stand-off screw/nuts etc. like this selection box:

