



Parts List (Solder in the order listed)

-  1x 10k ohm Resistor (Brown, Black, Orange, Gold) - R1
-  12x 120 ohm Resistor (Brown, Red, Brown, Gold) - R8-19
-  3x 220 ohm Resistor (Red, Red, Brown, Gold) - R2, 4, 6
-  4x 2.7k (or 2.2k) ohm Resistor (Red, Red, Red, Gold) - R3, 5, 7, 20
-  1x PIC24FV16KA301 - PIC1
-  1x 0.1 uF Ceramic Capacitor - C2
-  1x 10 uF Multilayer Ceramic Capacitor - C3
-  1x 33 uF Electrolytic Capacitor - C1
-  3x PN2907A or equivalent Transistor - Q1-3
-  12x RGB LED (common-cathode)
-  1x Tactile Switch - SW1