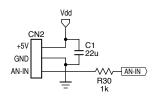
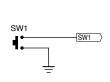


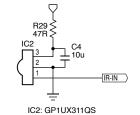
ICSP Connector



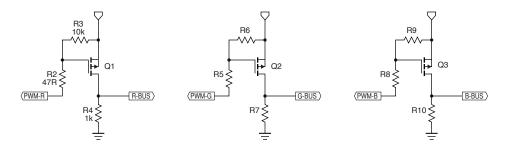


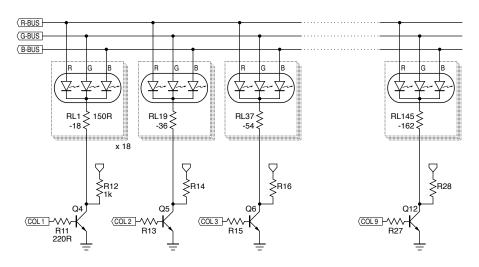


Push Button



IR Receiver





Q1 - 3: DMP3098L Q4 - 12: MMBT2222A

BOM

4x 47 ohm (0603) 162x 150 ohm (0603) 9x 220 ohm (0603) 13x 1k ohm (0603) 4x 10k ohm (0603) 9x MMBT2222A (NPN BJT)

2x 0.1uF (0603) 2x 10uF (1206) 1x 22uF (1210) 3x DMP3098L (P-MOSFET)

1x PIC24FV16KA301 1x GP1UX311QS or equivalent 1x Tactile Switch 162x Tricolor LED (common-cathode)

Aurora 9x18 Mk2 (162 LEDs) Date 1 of 1 3/15/2012 Designed by Akimitsu Sadoi