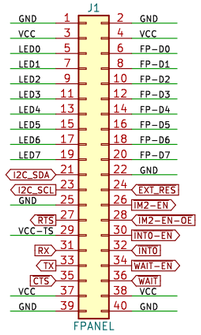


J11 NOTE:

PINS 5, 7, 9, 11, 13, 15, 17, 19 ARE FOR LED STATUS FOR ROMWBW FRONT PANEL INDICATOR

PINS 6, 8, 10, 12, 14, 16, 18, 20 ARE FOR SWITCH INPUTS FOR ROMWBW FRONT PANEL

PINS 21, 23 ARE FOR I2C CONNECTION (SDA & SCL)

PINS 25, 27, 29, 31, 33, AND 35 ARE FOR TTL SERIAL CONNECTOR TO UART

PINS 29, 37 ARE FOR SERIAL VCC POWER ENABLE

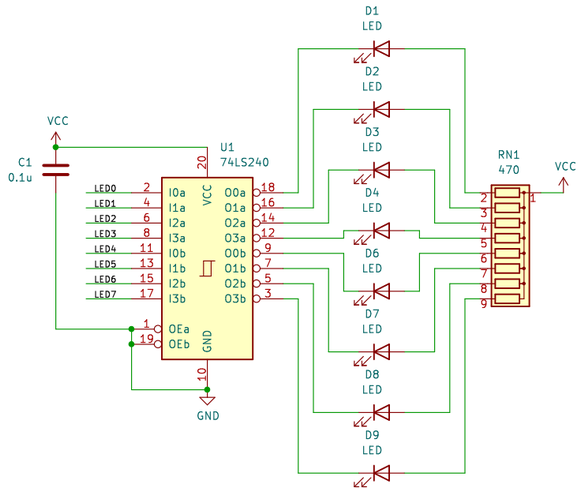
PINS 22, 24 ARE FOR EXTERNAL RESET SWITCH

PINS 26, 28 ARE FOR IM2 CIRCUIT ENABLE

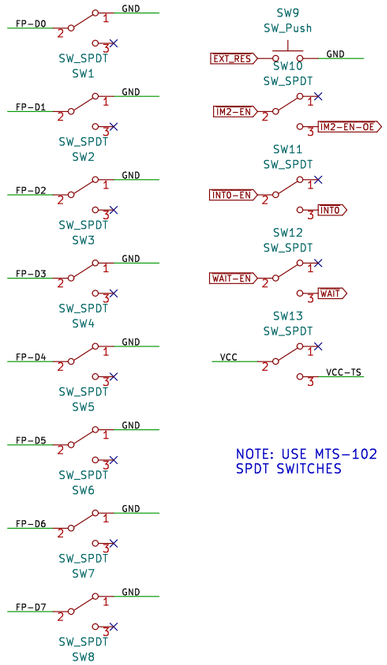
PINS 30, 32 ARE FOR INTERRUPT 0 ENABLE

PINS 34, 36 ARE FOR WAIT STATE CIRCUIT ENABLE

FRONT PANEL LED OUTPUT

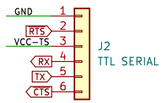


FRONT PANEL SWITCH INPUT

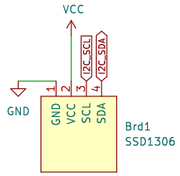


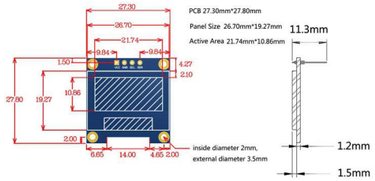
NOTE: USE MTS-102 SPDT SWITCHES

TTL SERIAL TO USB CONNECTOR

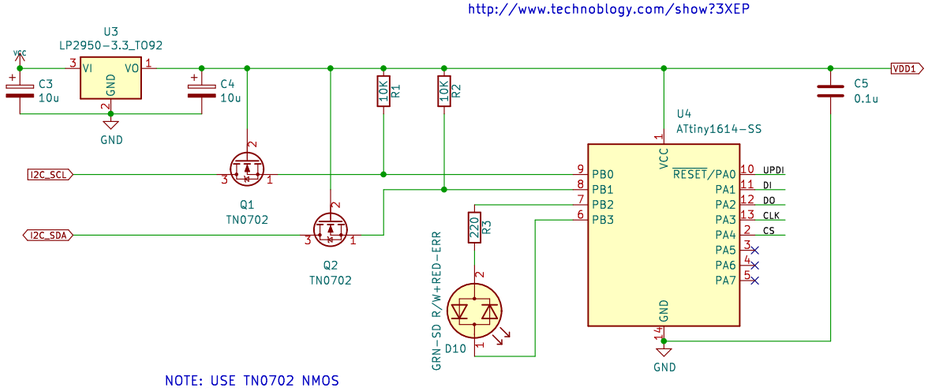


SSD1306 OLED 128x64 DISPLAY

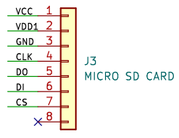




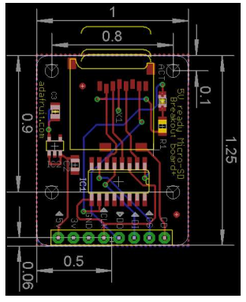
NOTE: I2C TO SD CARD CIRCUIT BASED ON http://www.technoblogy.com/show?3XEP



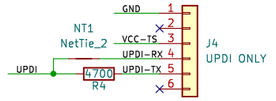
NOTE: USE TN0702 NMOS FET SOURCE/DRAIN/GATE



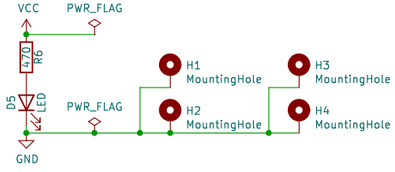
NOTE: ADAFRUIT MICRO SD CARD BREAKOUT BOARD



USB TO UPDI INTERFACE



NOTE: ONLY ATTEMPT UPDI PROGRAMMING WITH FRONT PANEL DISCONNECTED FROM Z80 PROCESSOR BOARD. SW13 CONTROLS VCC POWER SUPPLIED TO ATTINY 1614 VIA THE USB TO UPDI INTERFACE. REMOVE UNNECESSARY COMPONENTS TO MINIMIZE USB CURRENT DRAW. (SD CARD ADAPTER, SSD1306 DISPLAY, AND 74LS240)



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