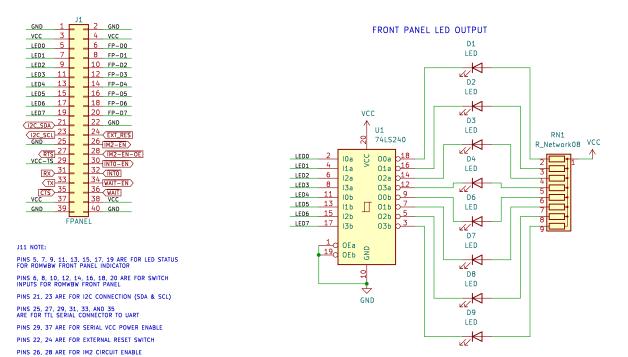
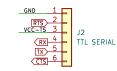
FRONT PANEL SWITCH INPUT

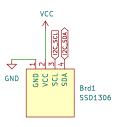


SW9 FP-D0 SW_Push SW_SPDT SW1 FP-D1 IM2-EN 20 SW_SPDT SW_SPDT SW2 SW10 FP-D2 INTO-EN 2 SW_SPDT SW_SPDT SW3 SW11 FP-D3 [∠] o3× SW_SPDT SW_SPDT SW12 SW4 VCC-TS FP-D4 SW_SPDT SW_SPDT SW5 SW13 FP-D5 NOTE: USE MTS-102 SPDT SWITCHES SW_SPDT SW6 FP-D6 [∠] 03× SW_SPDT SW7 FP-D7 2 SW_SPDT SW8

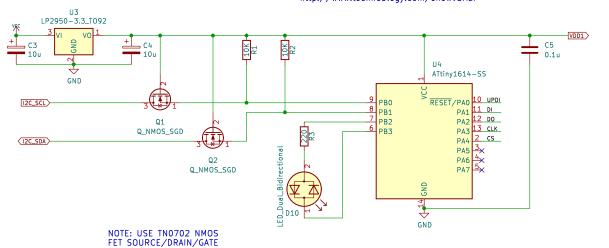
TTL SERIAL TO USB CONNECTOR

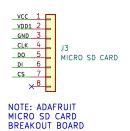


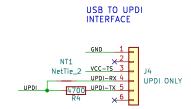
SSD1306 OLED 128x64 DISPLAY



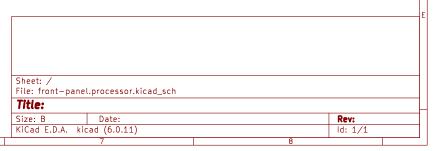
NOTE: I2C TO SD CARD CIRCUIT BASED ON http://www.technoblogy.com/show?3XEP

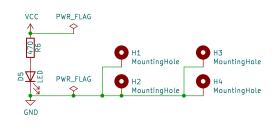






NOTE: ONLY ATTEMPT UPDI PROGRAMMING WITH FRONT PANEL DISCONNECTED FROM Z80 PROCESSOR BOARD. SW13 CONTROLS VCC POWER SUPPLIED TO ATTINY 1614 VIA THE USB TO UPDI INTERFACE. REMOVE UNNECESSARY COMPONENTS TO MINIMIZE USB CURRENT DRAW. (SD CARD ADAPTER, SSD1306 DISPLAY, AND 74LS240)





PINS 30, 32 ARE FOR INTERRUPT 0 ENABLE

PINS 34, 36 ARE FOR WAIT STATE CIRCUIT ENABLE