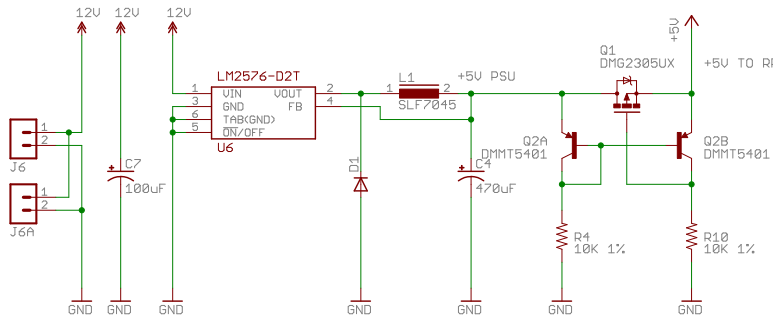
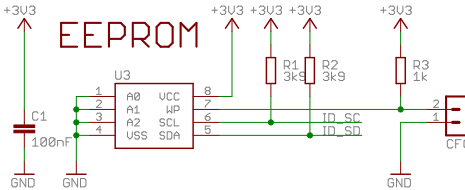


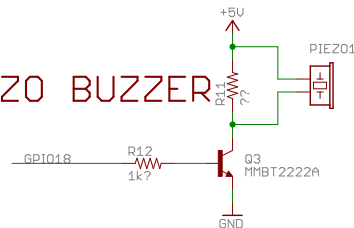
+12VDC PWR INPUT, +5VDC SWITCHING REGULATOR, AND BACKFEED PROTECTION



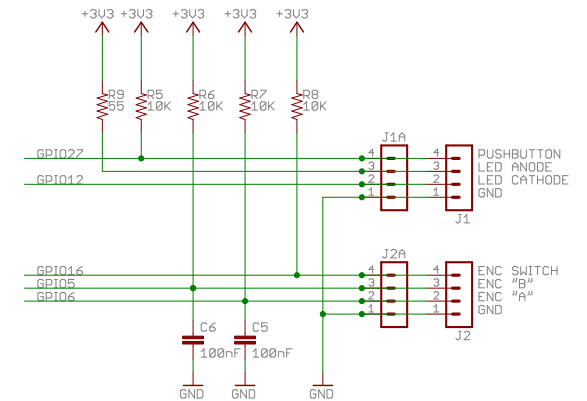
EEPROM



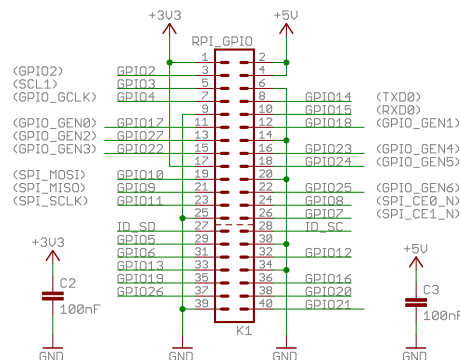
PIEZO BUZZER



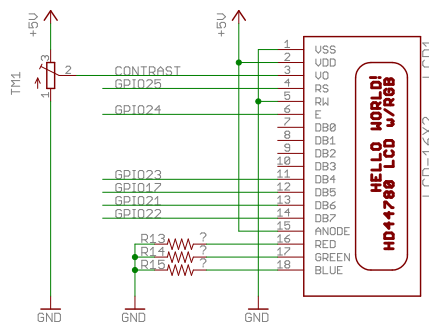
TO PUSHBUTTON & ROTARY ENCODER



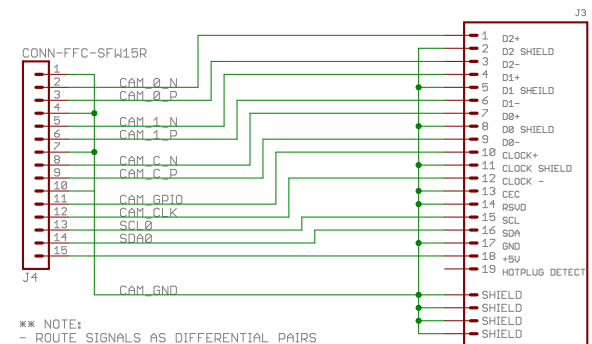
RASPBERRY PI GPIO HEADER



16x2 LCD



RASPBERRY PI CAMERA FFC TO HDMI PASS-THROUGH



- NOTE:
 - ROUTE SIGNALS AS DIFFERENTIAL PAIRS
 - MAKE ALL TRACE LENGTHS EQUAL
 - SIGNALS ARE APPENDED WITH '_N' AND '_P' FOR EAGLE 'ROUTE' TOOL TO WORK PROPERLY!
- NOTE: SEE FPC ASSEMBLY FOR CORRECT COMBOS(C) OF FFC CONNECTORS AND FFC CABLES!
- FFC CONN, TOP: DIGIKEY #609-1906-1-ND
- FFC CONN, BOT: DIGIKEY #609-1906-1-ND
- FFC CABLE, BOTH/BOTH: DIGIKEY #HF15U-02-ND
- FFC CABLE, TOP/BOT: Adafruit #1645

SPECIAL THANKS TO:

Ivan Zilic of Flyfish Technologies for providing an awesome Raspberry Pi HAT template
<http://www.raspberrypi.org/forums/viewtopic.php?t=100&t=82618&sid=fce0d285d3d56f8a7bbd4c21a75c4bbe>

Adafruit Technologies for their Raspberry Pi LCD python library, pinout info, and tutorial.
<https://learn.adafruit.com/drive-a-16x2-lcd-directly-with-a-raspberry-pi/wiring>



FirePick™

ERPIHAT01 Raspberry Pi HAT
for FirePick Delta

Drawn by: NEIL JANSEN
Checked by:

ERPIHAT01
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