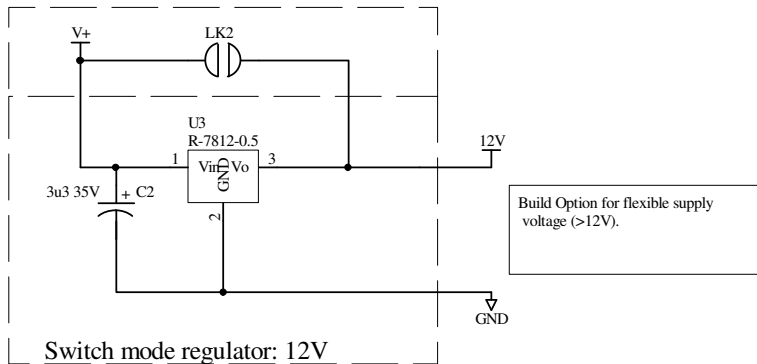
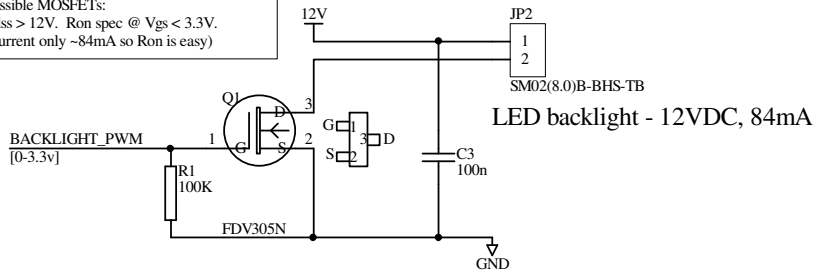


Switch mode regulator: 3.3V

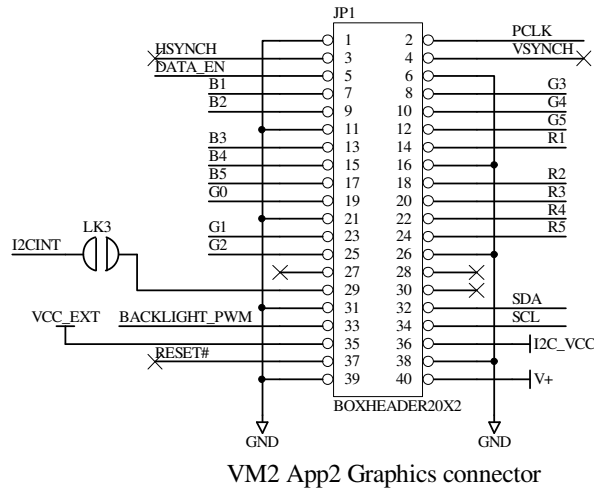


Switch mode regulator: 12V

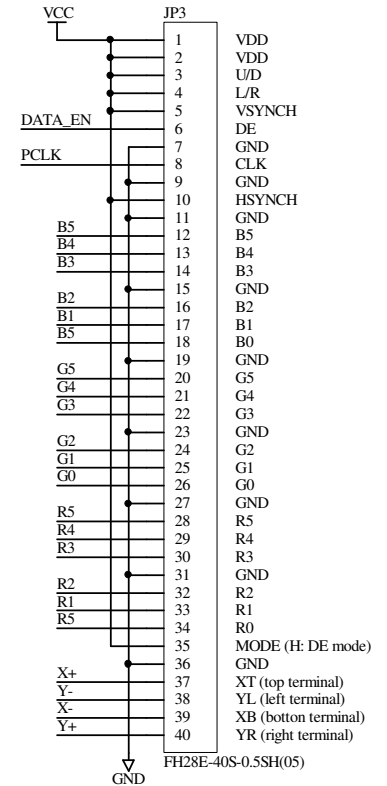
Possible MOSFETs:  
 V<sub>ds</sub> > 12V. Ron spec @ V<sub>gs</sub> < 3.3V.  
 (Current only ~84mA so Ron is easy)



ON/OFF and PWM control of backlight brightness



VM2 App2 Graphics connector



LCD FFC connector

Footprint of this connector is reversed compared to the LCD: Pin 1 is on the RHS when looking into the connector.

Touch  
Touch.Sch



History:  
 Iss B:  
 Removed R/C on CLK line; Swapped X and Y on touchscreen.

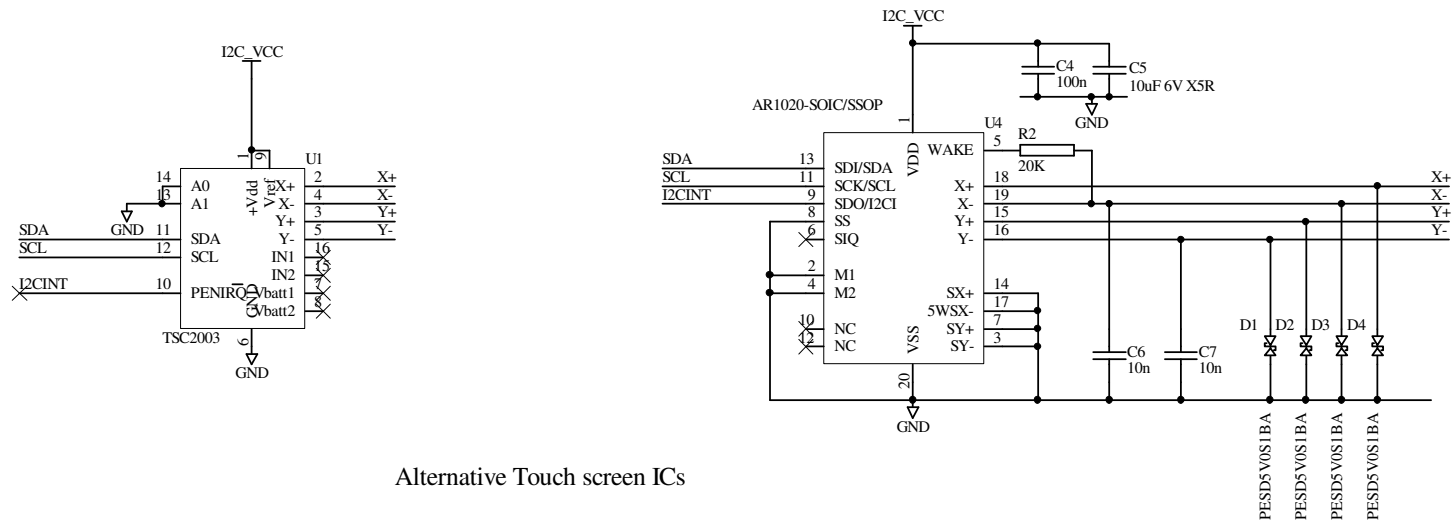
Added alternative touch connector.

LCDs supported: TX14D22VM1BPA,  
TX14D23VM5BPA

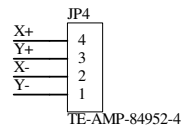
**VM2 DA3**

Revision: Iss B  
 Date: 9-Nov-2020 10:42:48  
 Sheet 1 of 2  
 File:

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Alternative Touch screen ICs



Alternative Touch screen connector

FCC connector, 4-way, 1mm pitch. Bottom contact, Right angle.