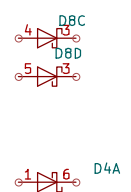
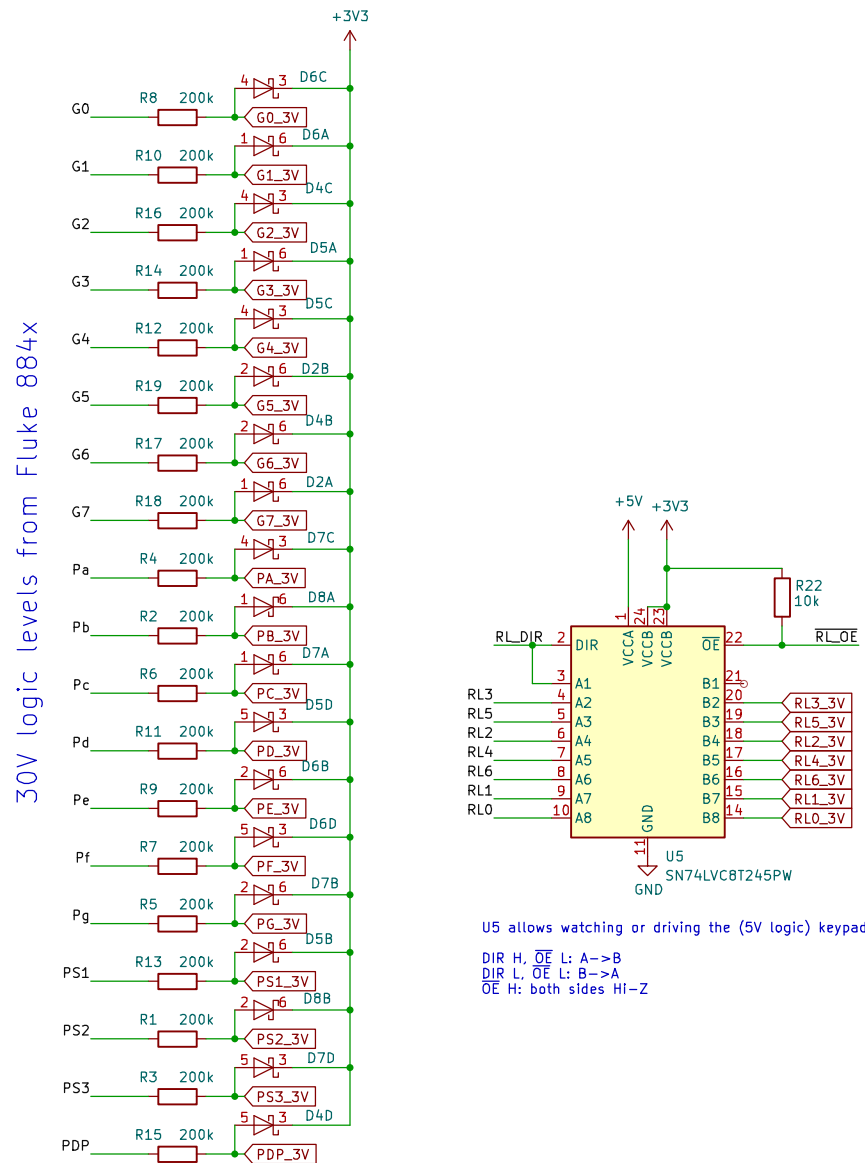
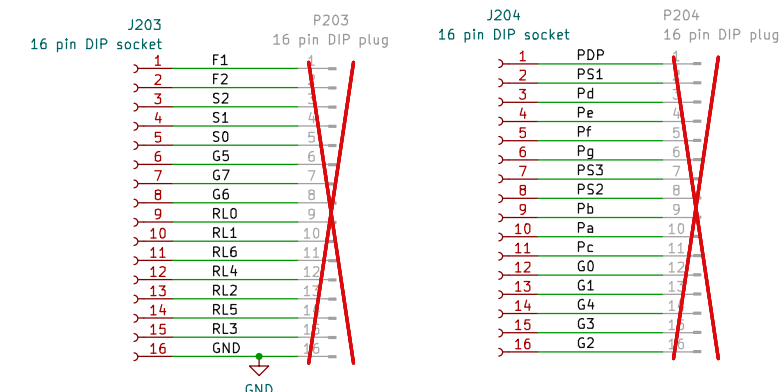
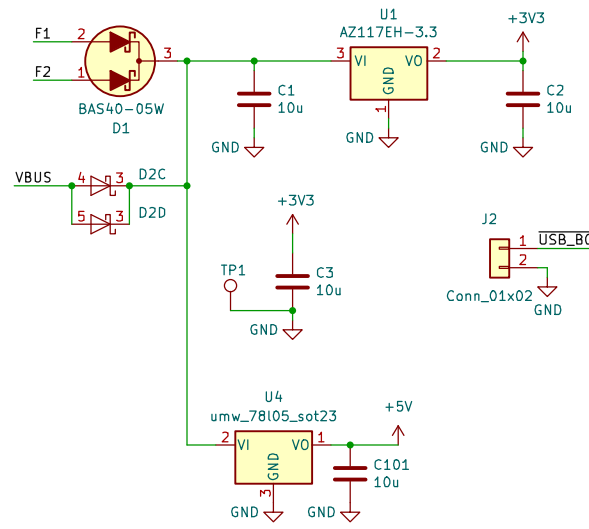


30V logic levels from Fluke 884x

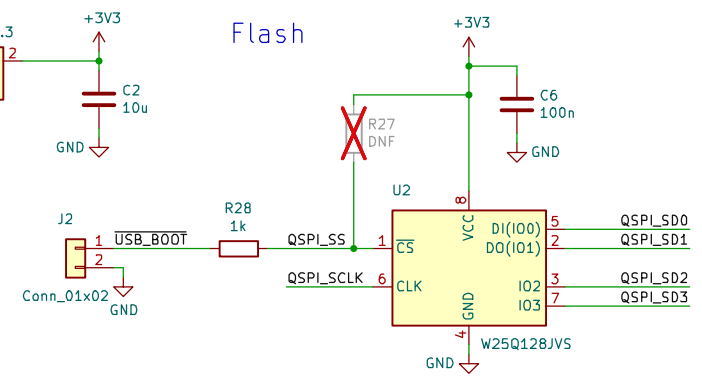


F1-F2 are from a 4.5VAC transformer whose center-tap is tied to +5V.  
The Pxx and Gxx lines are 30V logic. All 19 of these lines are clamped to 3.3V using the 270k resistors R1-R19 and their associated Schottky diodes.  
The S0-S2 lines are inverted, current-sinking.  
5V versions of G0-G2 used for scanning the key matrix columns.  
Since these duplicate G0-G2, we don't bother watching them also.  
The RL0-RL6 lines are 5V logic row lines coming from the key matrix.

### Power



### Flash



### Crystal

