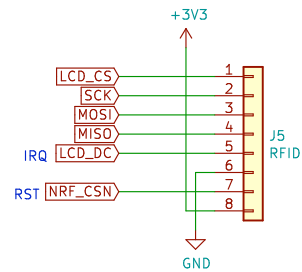
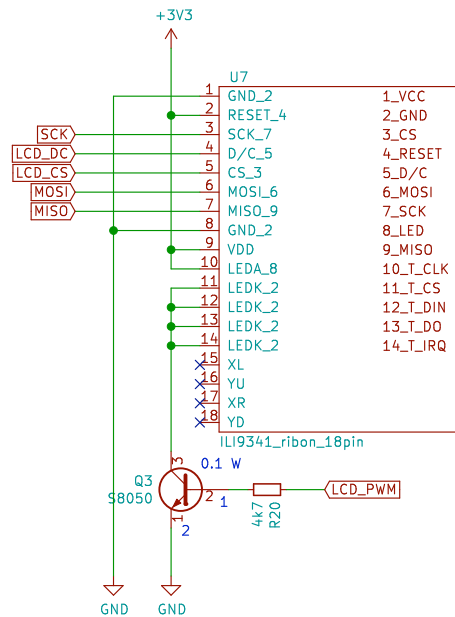


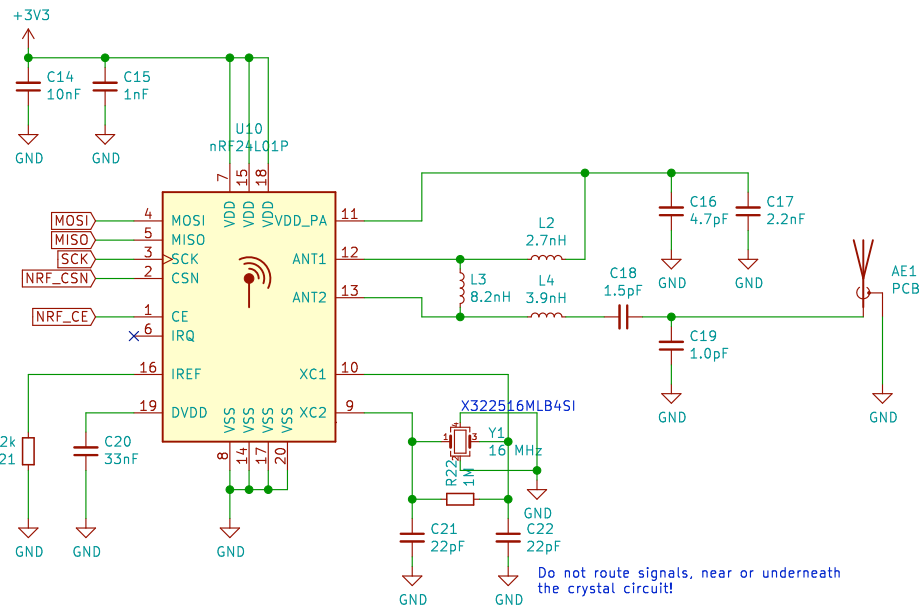
MicroSD card slot

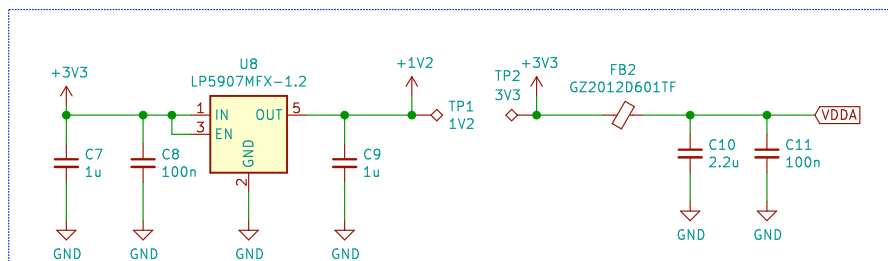


RFID Card reader (MFR522) instead of LCD for ErnstBox



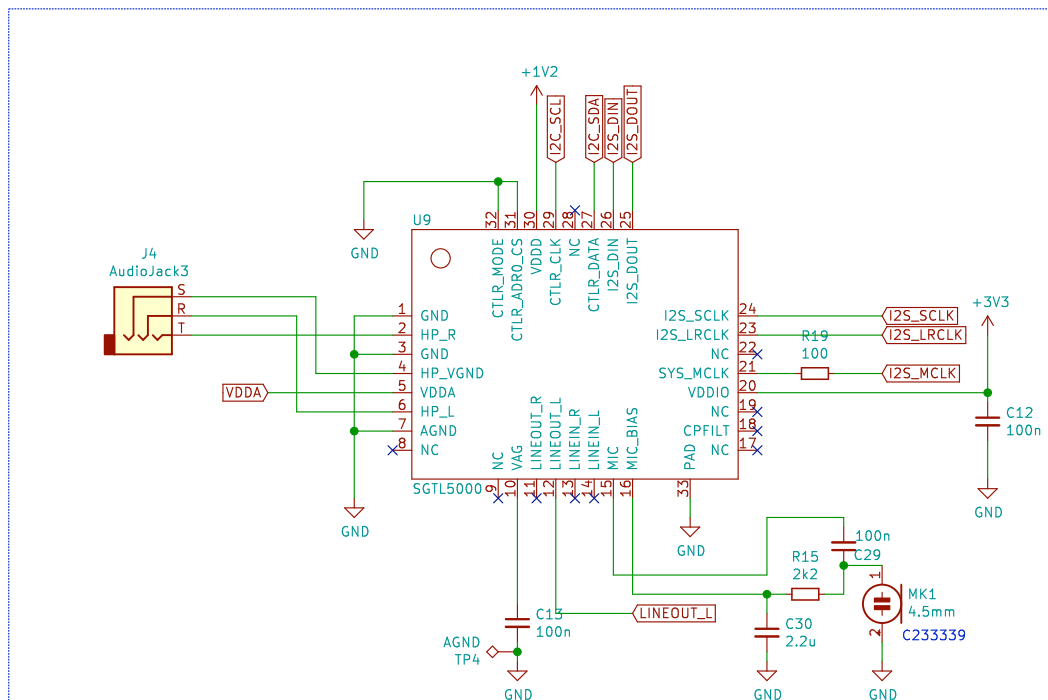
ILI9341 display (no shield, 18pin ribbon cable) 240x320 pixel





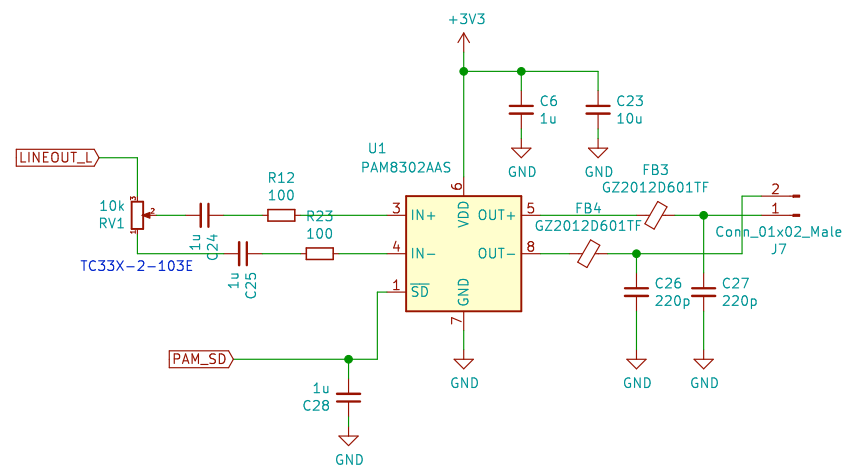
### Analog/Audio Power

### Power filter for analog supply voltage



I2S to headphone output (SGTL5000 audio chip)

AGND (pin 7) should be "star" connected to the jack grounds for LINEIN and LINEOUT, and to the VAG capacitor ground. This node should via to the ground plane (or connected to ground) at a single point.



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