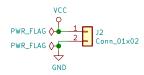
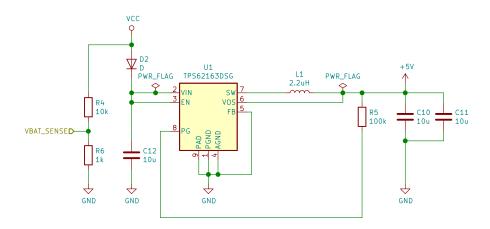
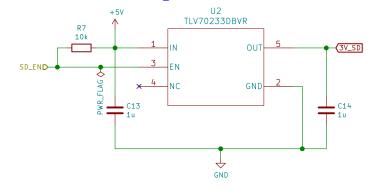


5V Switching Regulator

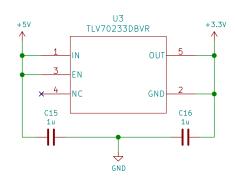




3.3V Regulator SD-Card



3.3V Regulator



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10 Headers RS-485 Tranceiver and Pins J4 Conn_02x13_Counter_Clockwise VCC J3

O Conn_02x02_0dd_Even 25 PA05_AIN5 +3.3V SN65HVD10MDREP 22 PA07_AIN7 PA06_AIN6D_5 GND MCU_RX_3.3VD-PB03_AIN11D 8 19 PA28 DATA_DIR D-MCU_TX_3.3VD-PB08_AIN2D_11 PA02_AIN0D_12 PB02_AIN10D_13 16 PB09_AIN3 GND MicroSD Card Slot CAN Transciever +3.3V J5 Micro_SD_Card_Det_Hirose_DM3AT +5٧ SD_CSD— DAT3/CD MCP2561T-E_SN SERO_P3_DOD_3 3V_SD) SERO_P1_CLKD_5 CAN_TX_5VD-CAN_STBY_5V 7 CANH 6 CANL CANH CANL SPLIT 5 × CAN_RX_5VD-SHIELD 11 +5٧ GND Schematic by Keona D'Souza SDSU Rocket Project Sheet: /10/ File: IO.sch Title: far-mars-obc Size: A4 Date: 2020-07-25 Rev: E KiCad E.D.A. kicad (5.1.5)-3 Id: 4/5

