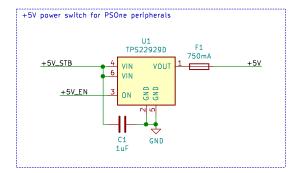


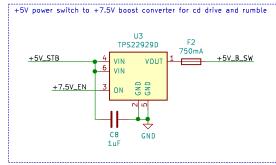


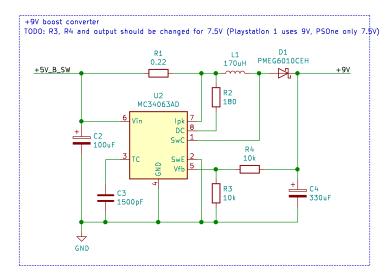
Standby power:

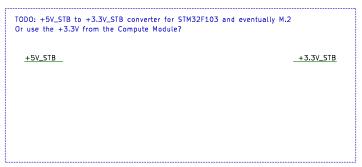
PSOne peripheral power (controlled by STM32):

Control inputs from STM32





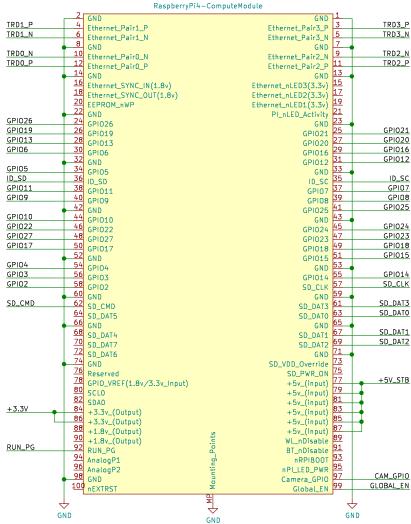


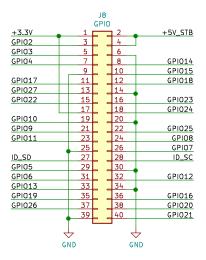


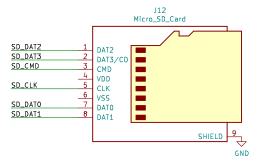
RUN_PG RUN_PGD-GLOBAL_EN GLOBAL_EN< +3.3V +3.3V C-+5V_STB +5V_STBD-TRD0_P TRDO_P ♦ TRD0_N TRDO_N ♦ TRD1_P TRD1_P ♦ TRD1_N TRD1_N ♦ TRD2_P TRD2_P♦ TRD2_N TRD2_N ♦ TRD3_P TRD3_P♦ TRD3_N TRD3_N ♦

CAM_GPIO♦

CAM_GPIO J2A

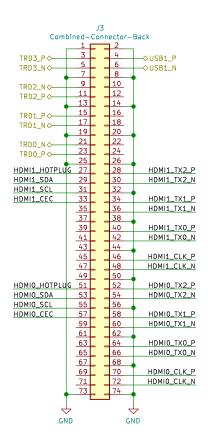


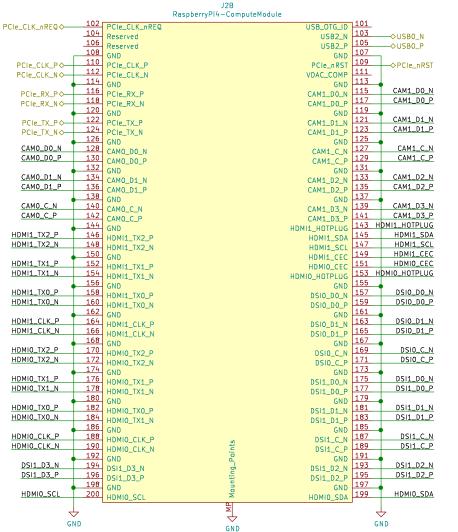


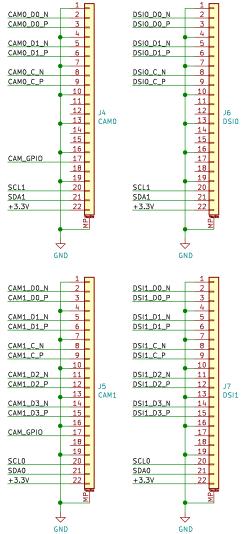


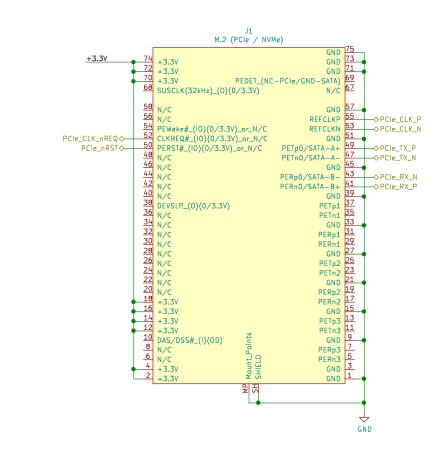
+3.3VD +3.3V +5V_STB ☐ +5V_STB

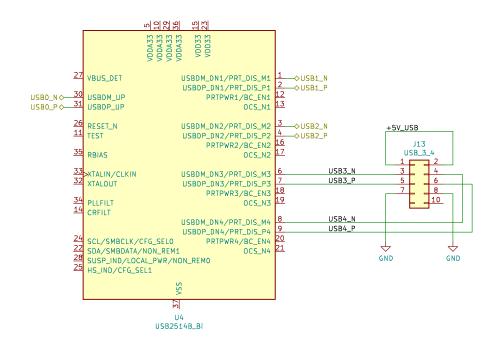
CAM_GPIO CAM_GPIO

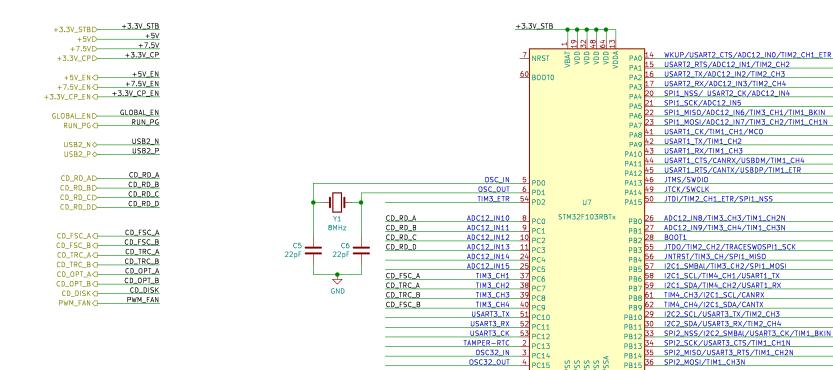


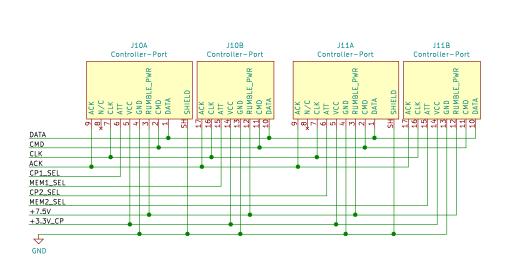


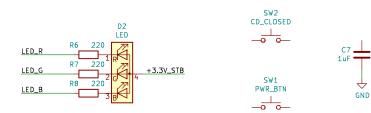












PWR_BTN

CD_DISK CD_OPT_A

CD_OPT_B

LED_B

LED_G

LED_R

USB2_N

USB2_P

+5V_EN

+7.5V_EN

TEMP

FAN

ACK

CLK

DATA

CMD

CP1_SEL

CP2_SEL

MEM2_SEL

MEM1_SEL

+3.3V_CP_EN

TX

RX

+5VD +5V +3.3V_STBD +3.3V_STB +3.3V_CP +3.3V_CP +3.3V_CP +3.3V_CP_EN +3.3V_CP_EN
CD Sensor readings (ADC) CD_RD_AQ
Focus coil PWMs
Tracking coil PWMs CD_TRC_A CD_TRC_AD CD_TRC_B CD_TRC_B CD_TRC_B
CD laser/sensor sled motor PWMs CD_OPT_AD CD_OPT_A CD_OPT_BD CD_OPT_B
Disk spin motor PWM CD_DISKD CD_DISK

PWM_FAN D-

PWM_FAN

