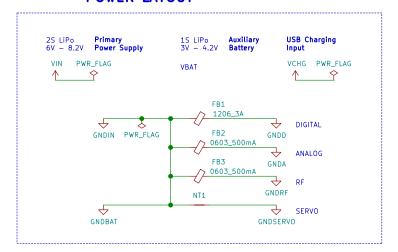
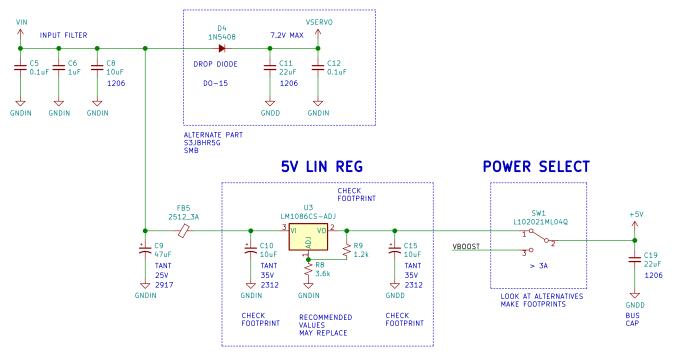
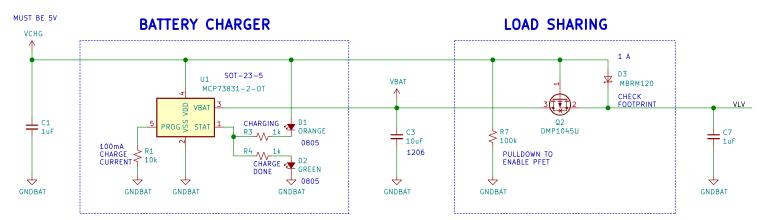


POWER LAYOUT

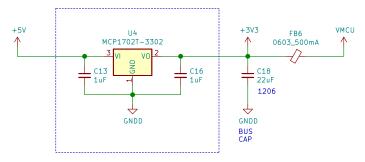


SERVO POWER

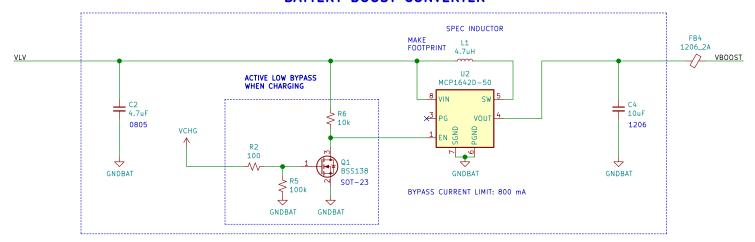




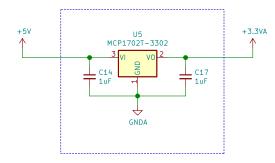
3.3V DIGITAL LIN REG



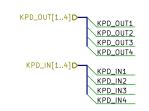
BATTERY BOOST CONVERTER



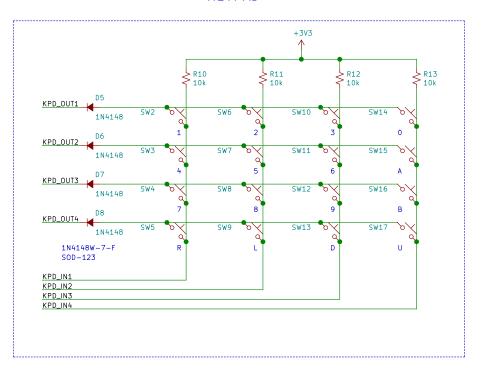
3.3V ANALOG LIN REG



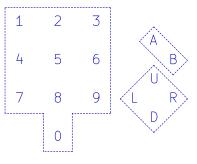




KEYPAD



KEYPAD LAYOUT



BUTTONS PTS645 S K 50 SMTR92 LFS

6mm SMT

CAP COLOR

NUMERIC BLACK A, B RED D-PAD BLUE

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 Rev: A

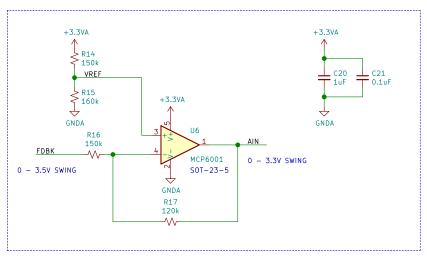
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SERVO FEEDBACK SCALE



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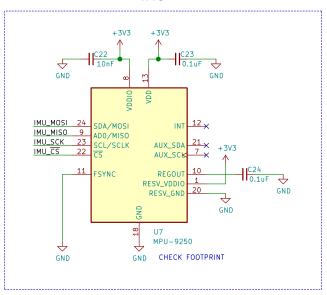
 IMU_SCK
 IMU_SCK

 IMU_MOSID
 IMU_MOSI

 IMU_MISOD
 IMU_MISO

 IMU_CSD
 IMU_CS

IMU



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PANDORA

Caltech E

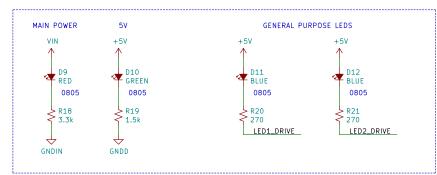
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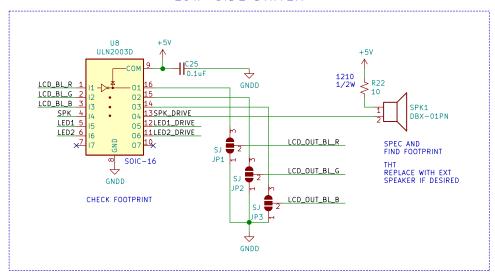
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 Date: 2020-02-09
 Rev: A

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 Id: 5/11

INDICATORS



LOW-SIDE DRIVER



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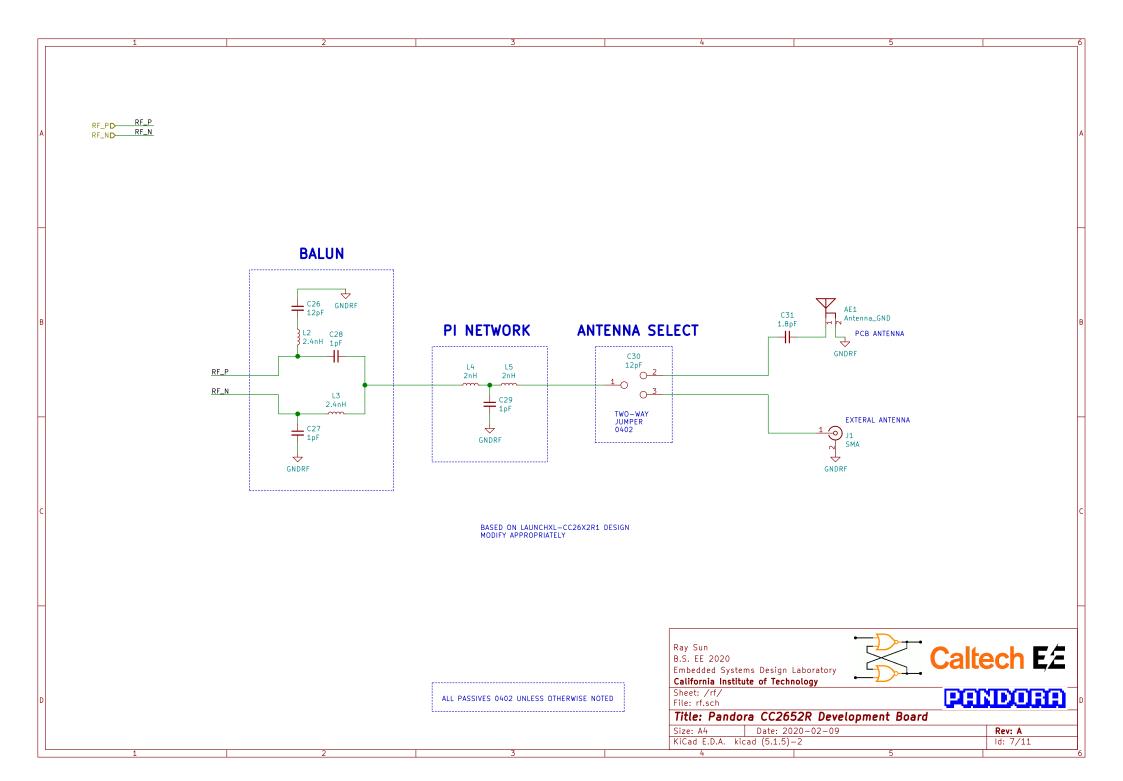
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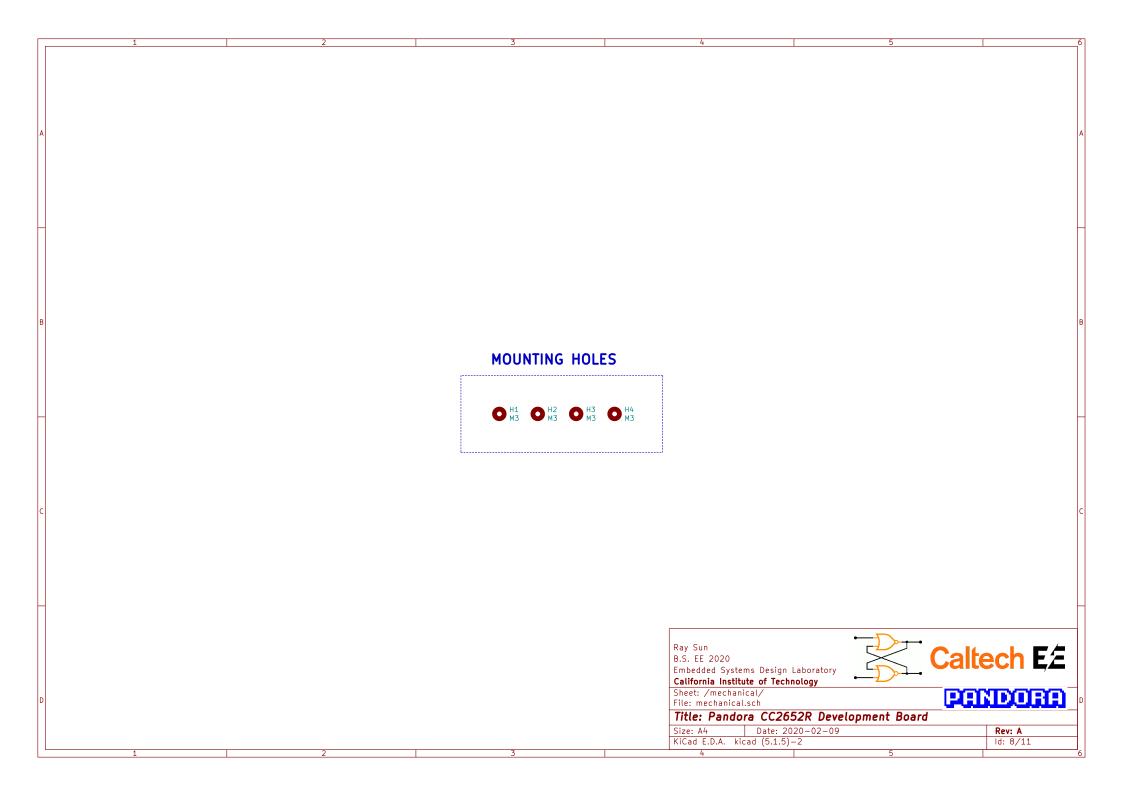
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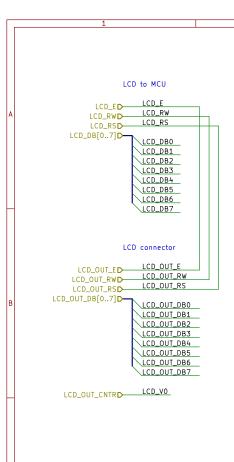
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LCD_BL_B LCD_BL_BD LCD_OUT_BL_RD LCD_OUT_BL_R LCD_OUT_BL_GD LCD_OUT_BL_G LCD_OUT_BL_BD LCD_OUT_BL_B LED1D LED1 LED2D LED2 SPEAKERD SPK

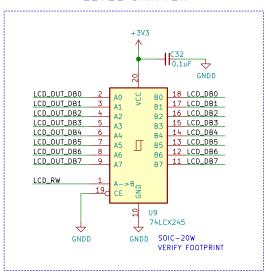
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LCD_BL_GD LCD_BL_G



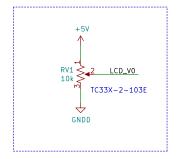




LEVEL SHIFTER



CONTRAST ADJUST



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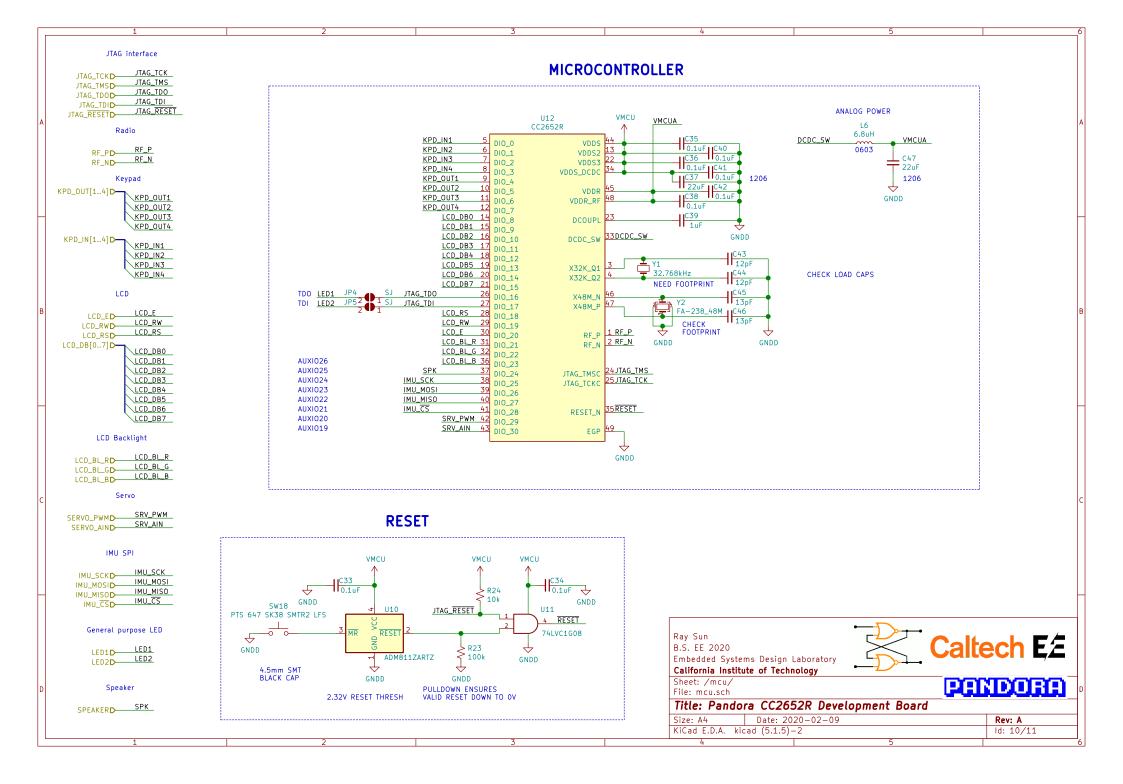
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Caltech E

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POWER

JTAG_TCK

JTAG_TMS

JTAG_TDO

JTAG_RESET

LCD_OUT_E

LCD_OUT_RW

LCD_OUT_RS

LCD_OUT_DB0 LCD_OUT_DB1

LCD_OUT_DB2 LCD_OUT_DB3

LCD_OUT_DB4 LCD_OUT_DB5 LCD_OUT_DB6 LCD_OUT_DB7

LCD_OUT_BL_R

LCD_OUT_BL_B

SRV_PWM

SRV_FDBK

LCD_V0

LCD_OUT_BL_GD LCD_OUT_BL_G

JTAG_TDI

JTAG_TCKD-

JTAG_TMSD-

JTAG_TDOD-

JTAG_TDID-

JTAG_RESETD

LCD_OUT_ED-

LCD_OUT_RWD

LCD_OUT_RSD

LCD_OUT_DB[0..7]D-

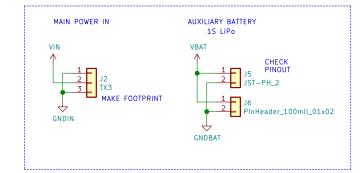
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LCD_OUT_BL_RD-

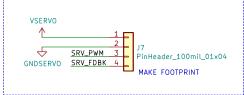
LCD_OUT_BL_BD-

SERVO_PWMD-

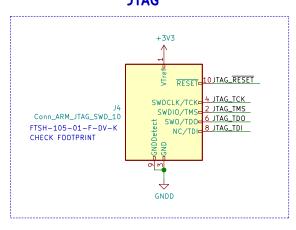
SERVO_FDBKD-



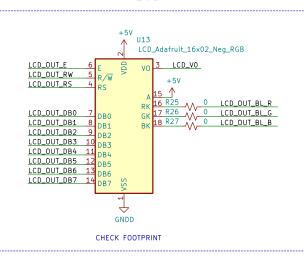
SERVO



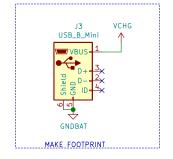
JTAG



LCD



AUXILIARY BATTERY CHARGE



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