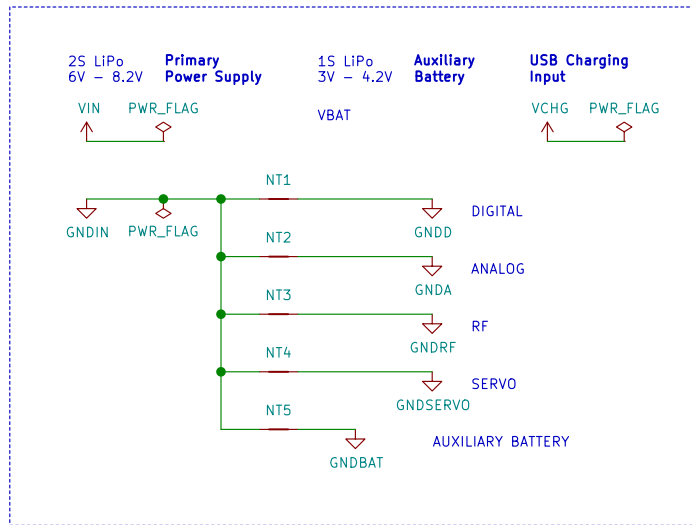
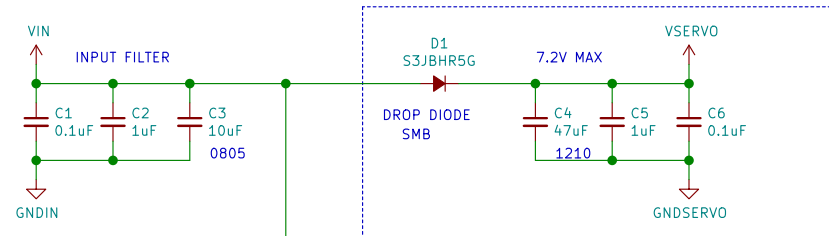


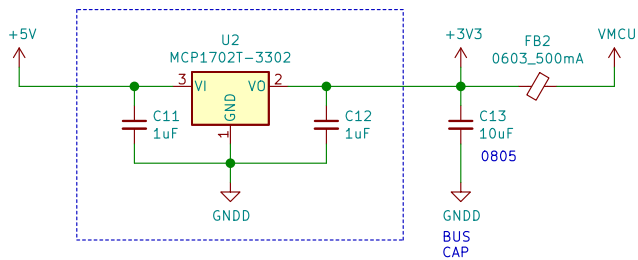
POWER LAYOUT



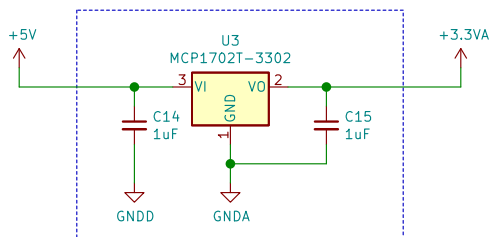
SERVO POWER



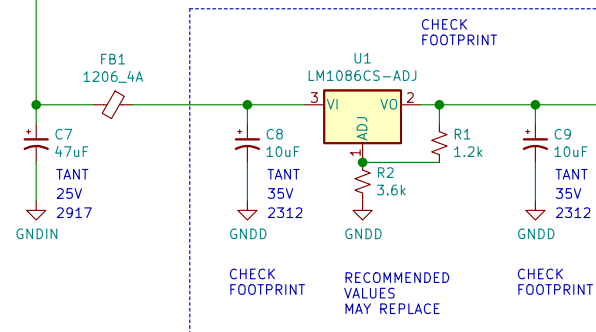
3.3V DIGITAL LIN REG



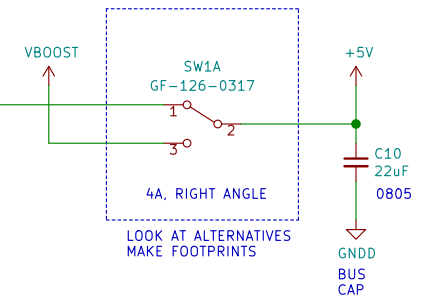
3.3V ANALOG LIN REG



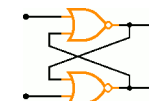
5V LIN REG



POWER SELECT



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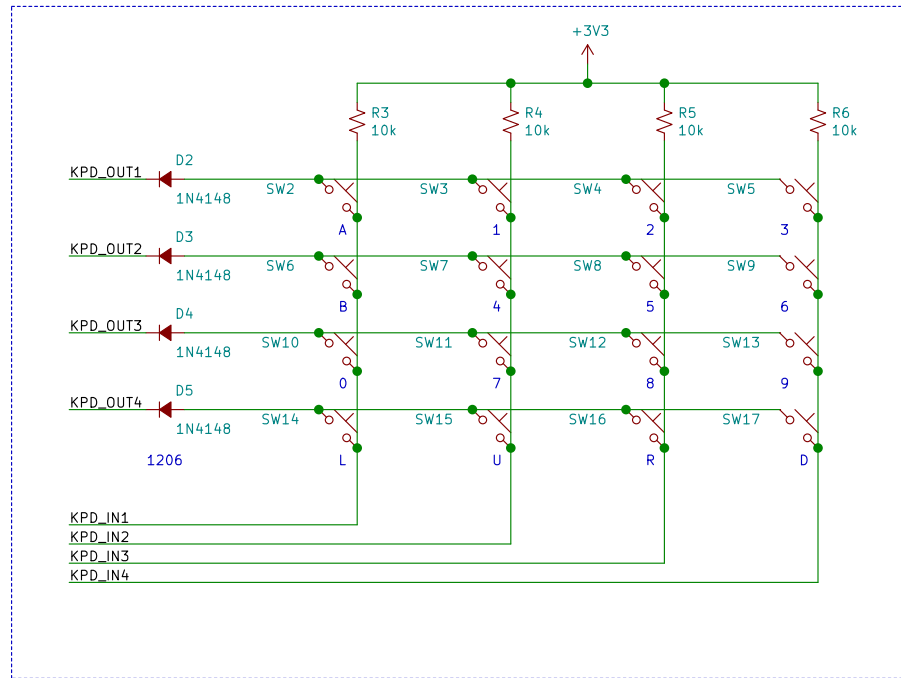
KPD_OUT[1..4]D

KPD_OUT1
KPD_OUT2
KPD_OUT3
KPD_OUT4

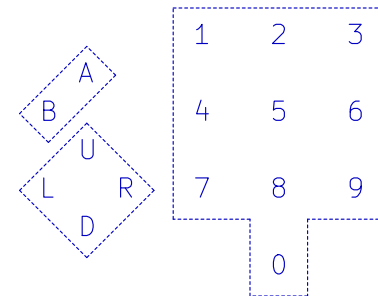
KPD_IN[1..4]D

KPD_IN1
KPD_IN2
KPD_IN3
KPD_IN4

KEYPAD



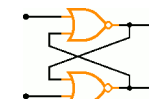
KEYPAD LAYOUT



BUTTONS PTS645 S x 50 SMTR92 LFS
6mm SMT

CAP COLOR
NUMERIC BLACK
A, B BLUE
D-PAD RED

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Sheet: /keypad/
File: keypad.sch

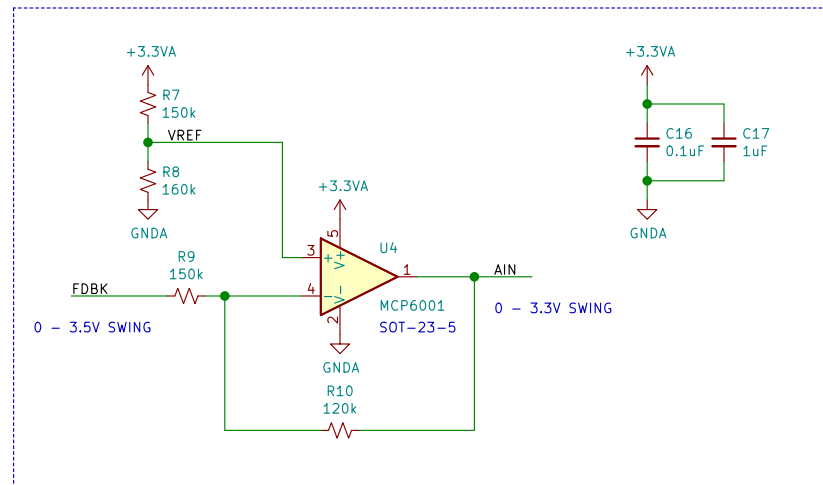
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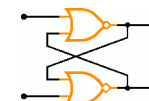
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FDBK D FDBK
AIN D AIN

SERVO FEEDBACK SCALE



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Sheet: /servo/
File: servo.sch



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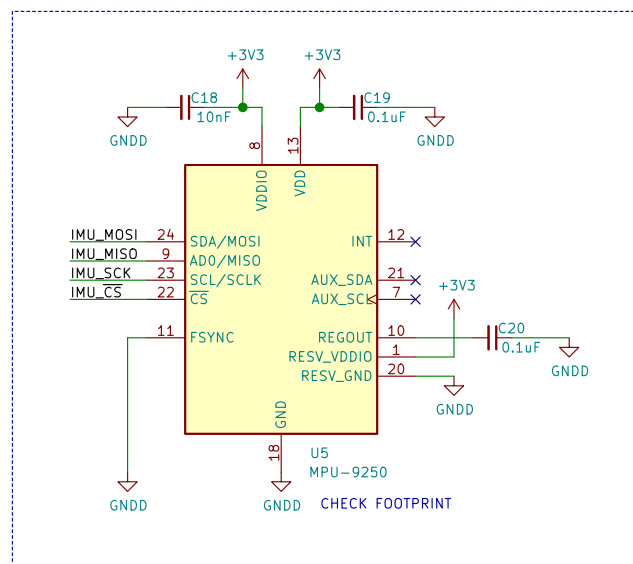
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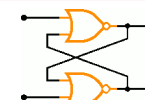
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IMU_SCKD IMU_SCK
 IMU_MOSID IMU_MOSI
 IMU_MISOD IMU_MISO
 IMU_CSD IMU_CS

IMU



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 File: imu.sch



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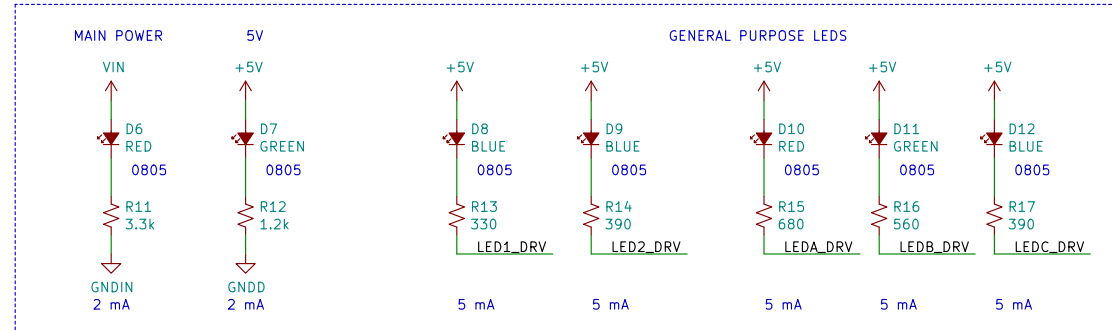
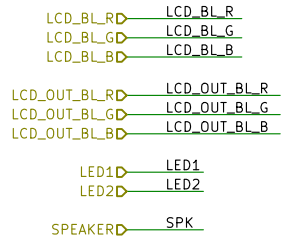
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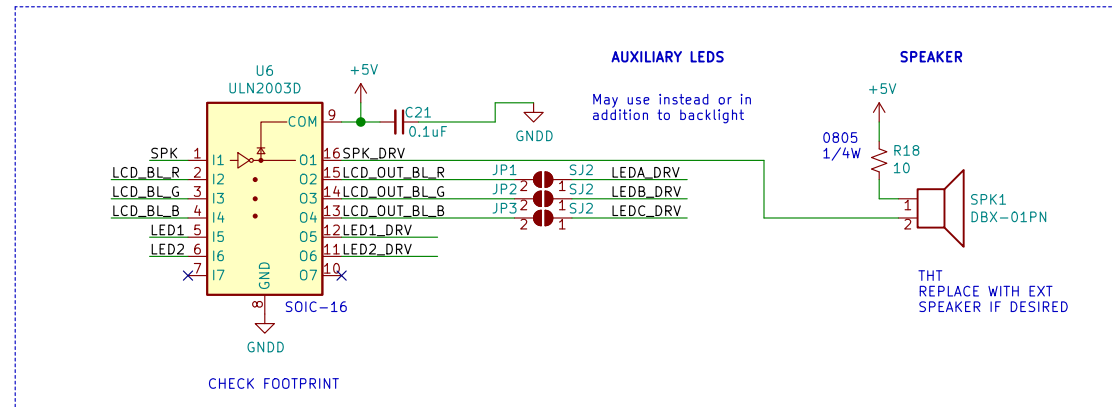
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Rev: A
 Id: 5/12

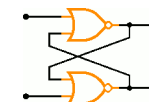
INDICATORS



LOW-SIDE DRIVER



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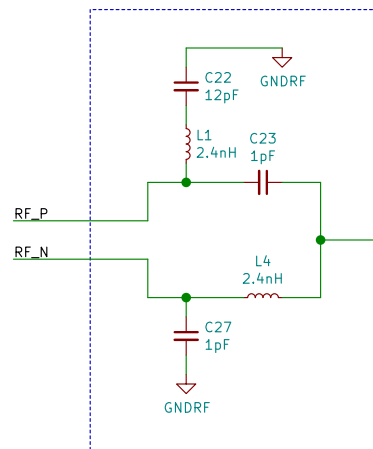
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Size: A
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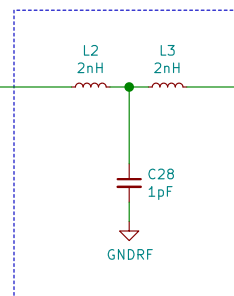
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RF_PD RF_P
RF_ND RF_N

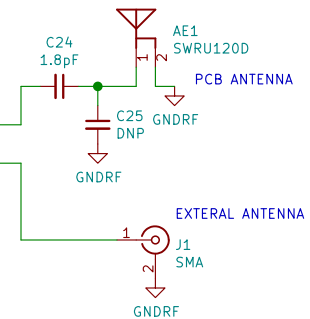
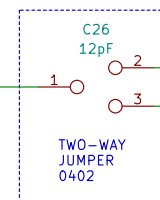
BALUN



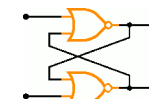
PI NETWORK



ANTENNA SELECT



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File: rf.sch



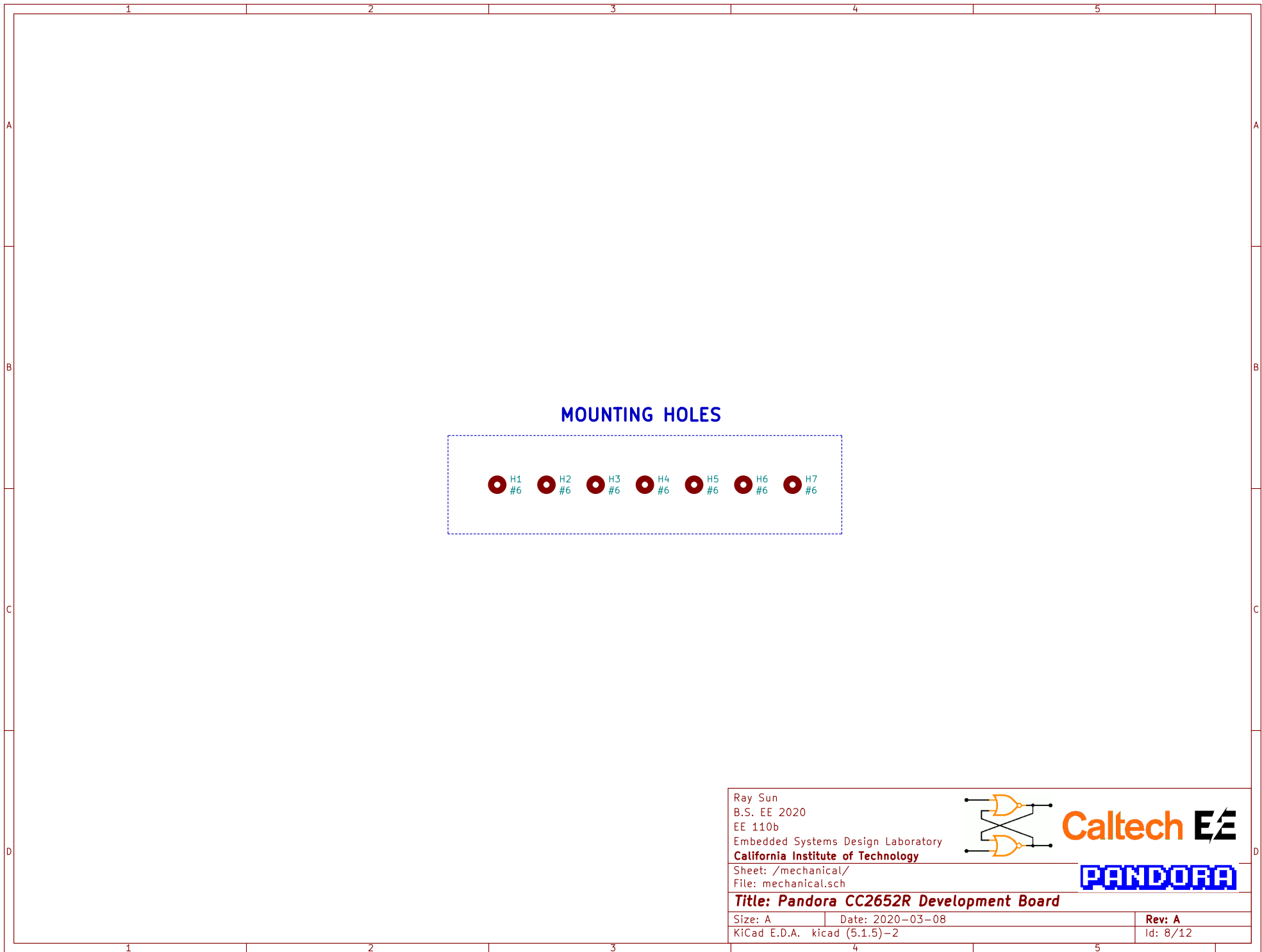
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MOUNTING HOLES

H1 #6 H2 #6 H3 #6 H4 #6 H5 #6 H6 #6 H7 #6

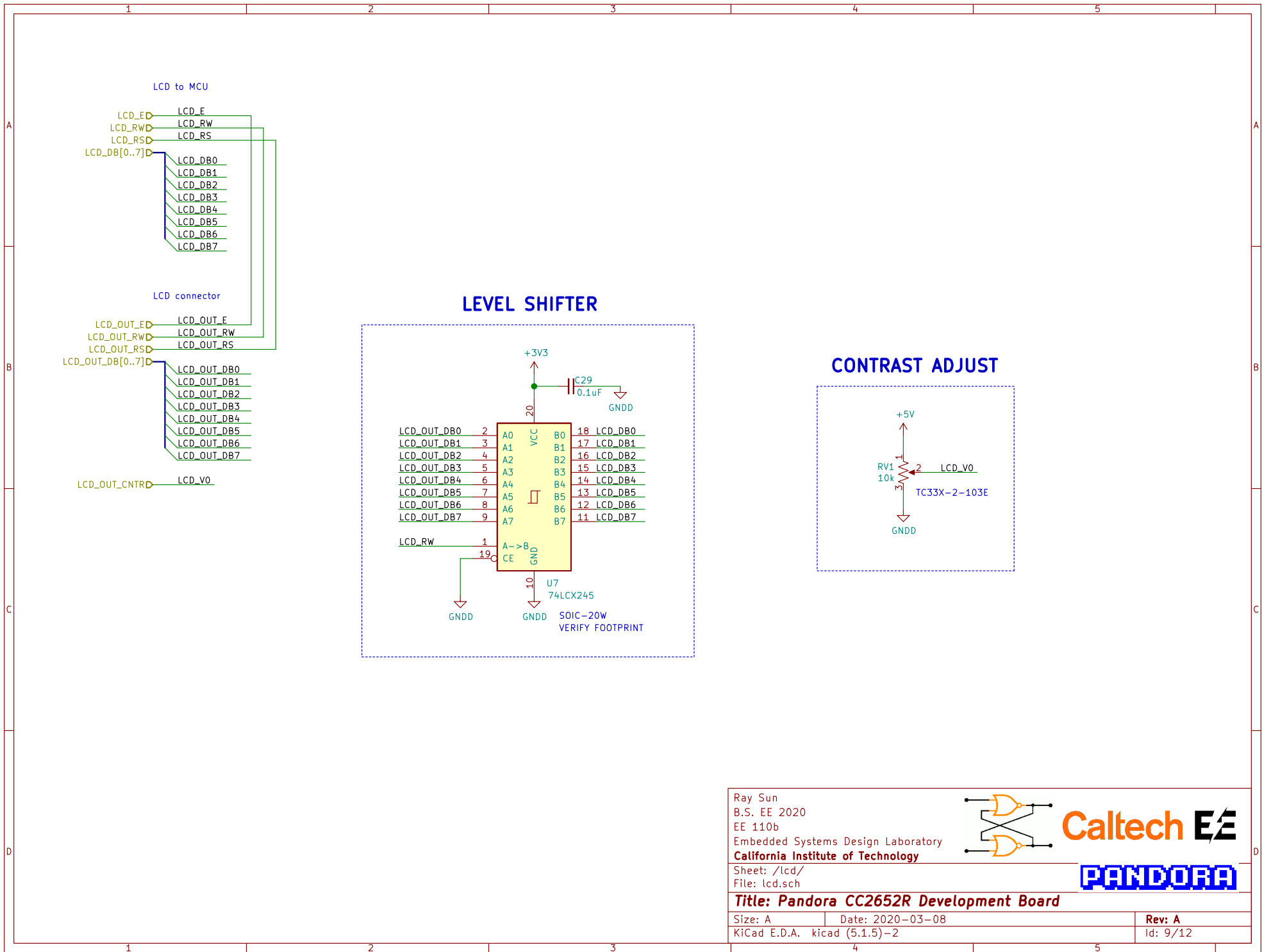
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Sheet: /mechanical/
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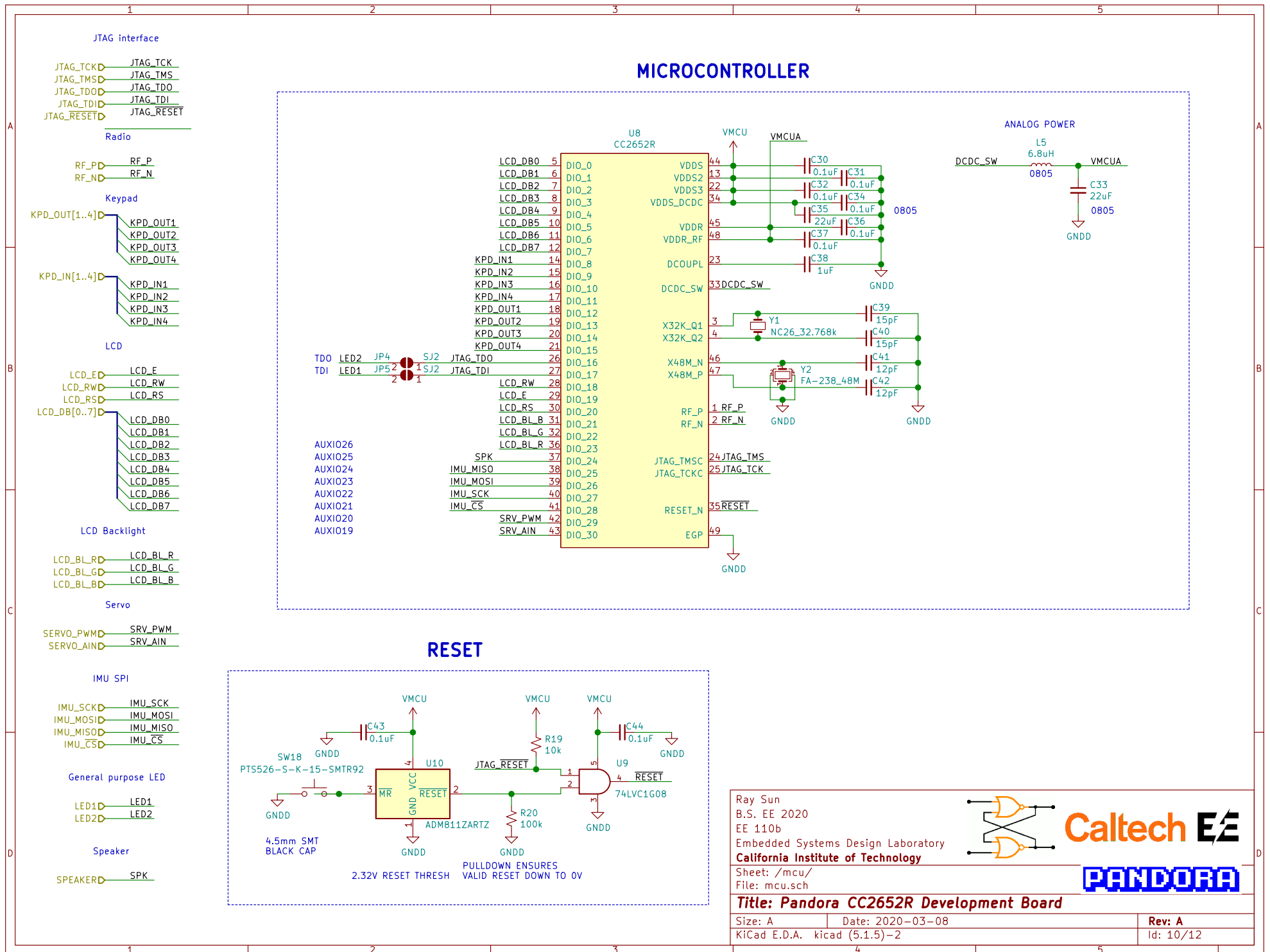
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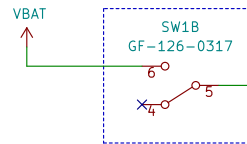
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Size: A	Date: 2020-03-08	Rev: A
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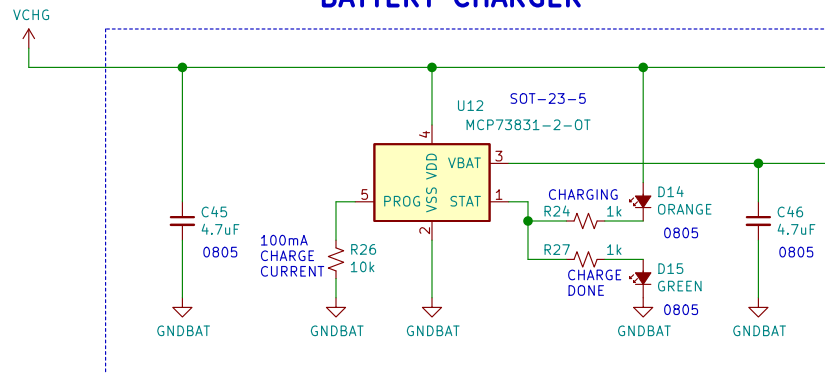




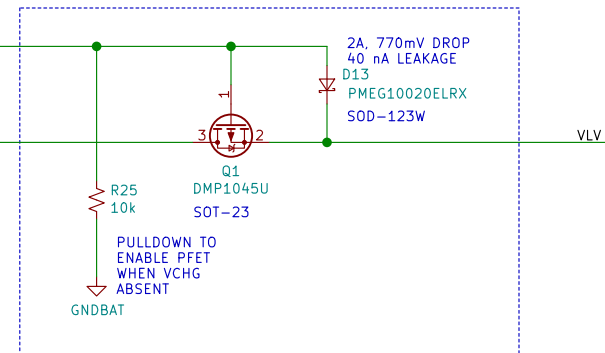
BATTERY SWITCH



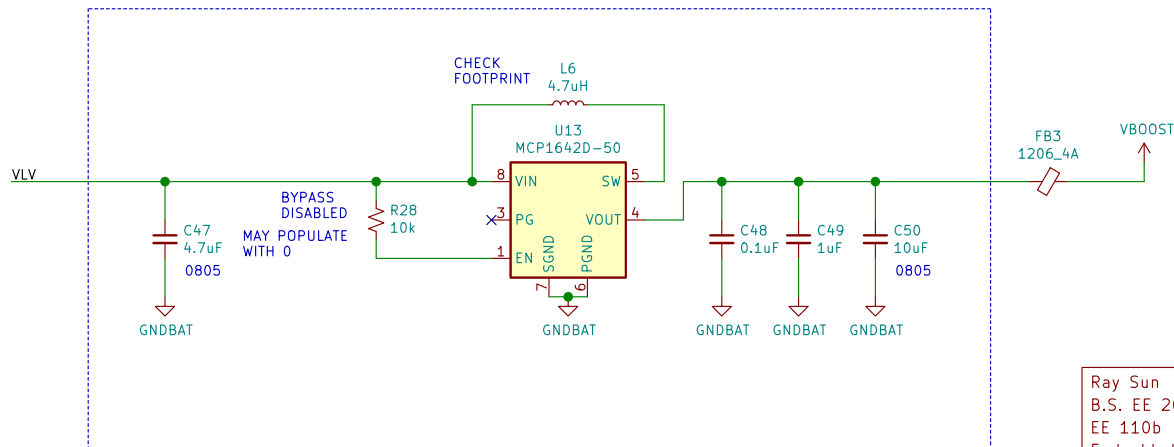
BATTERY CHARGER



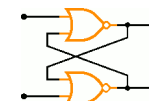
LOAD SHARING



BATTERY BOOST CONVERTER



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File: battery.sch



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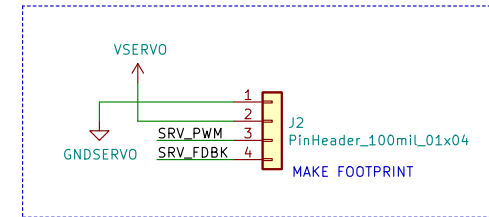
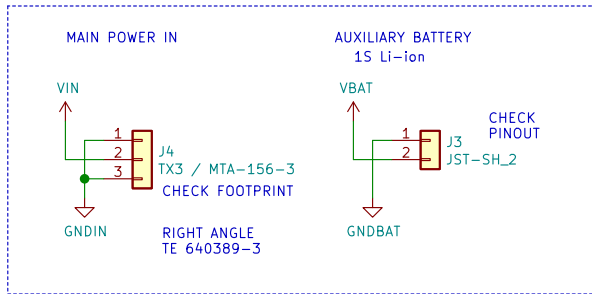
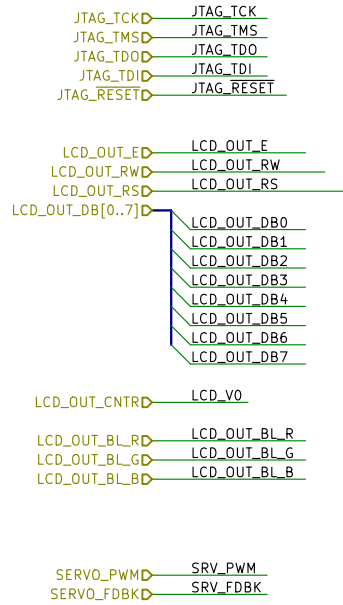
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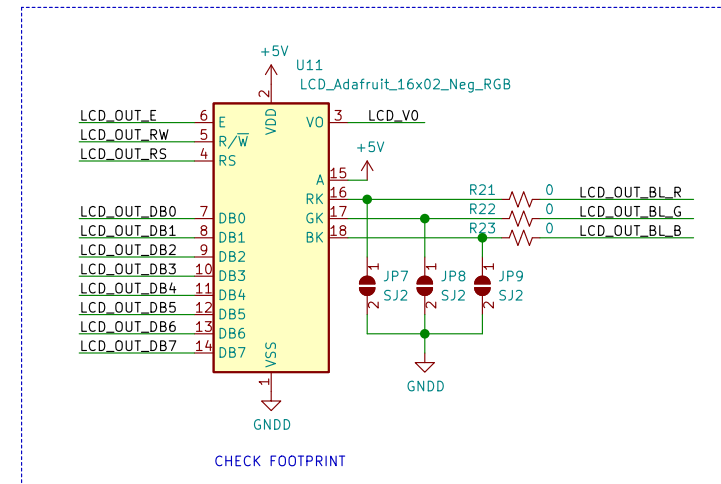
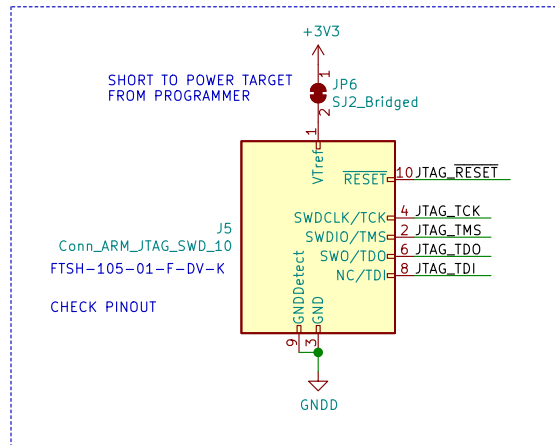
POWER

SERVO



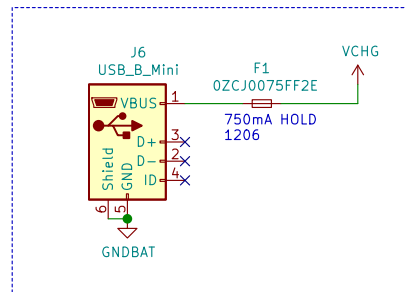
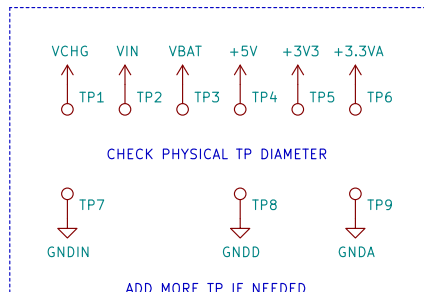
JTAG

LCD



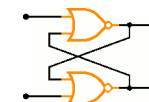
TEST POINTS

AUXILIARY BATTERY CHARGE



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