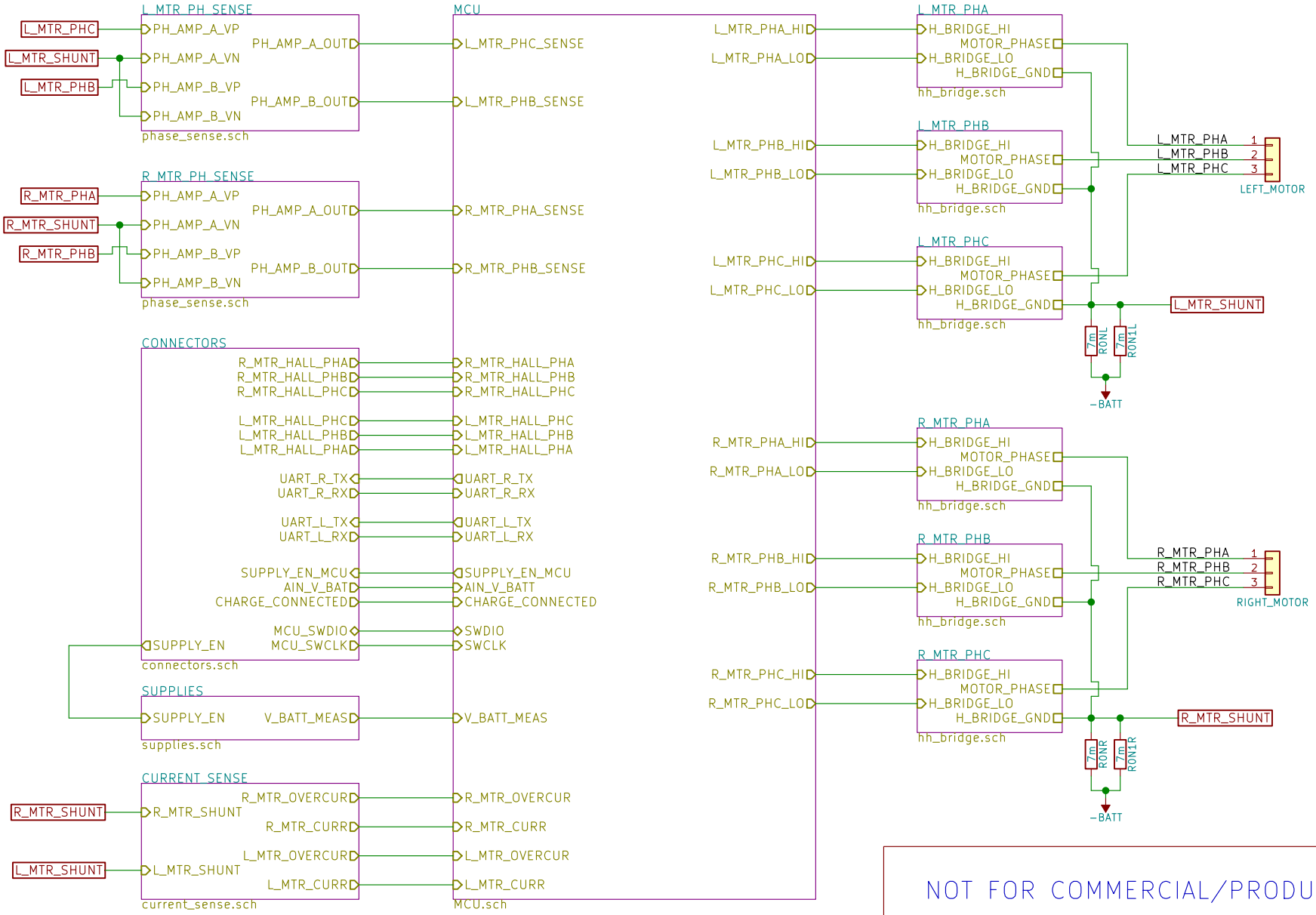

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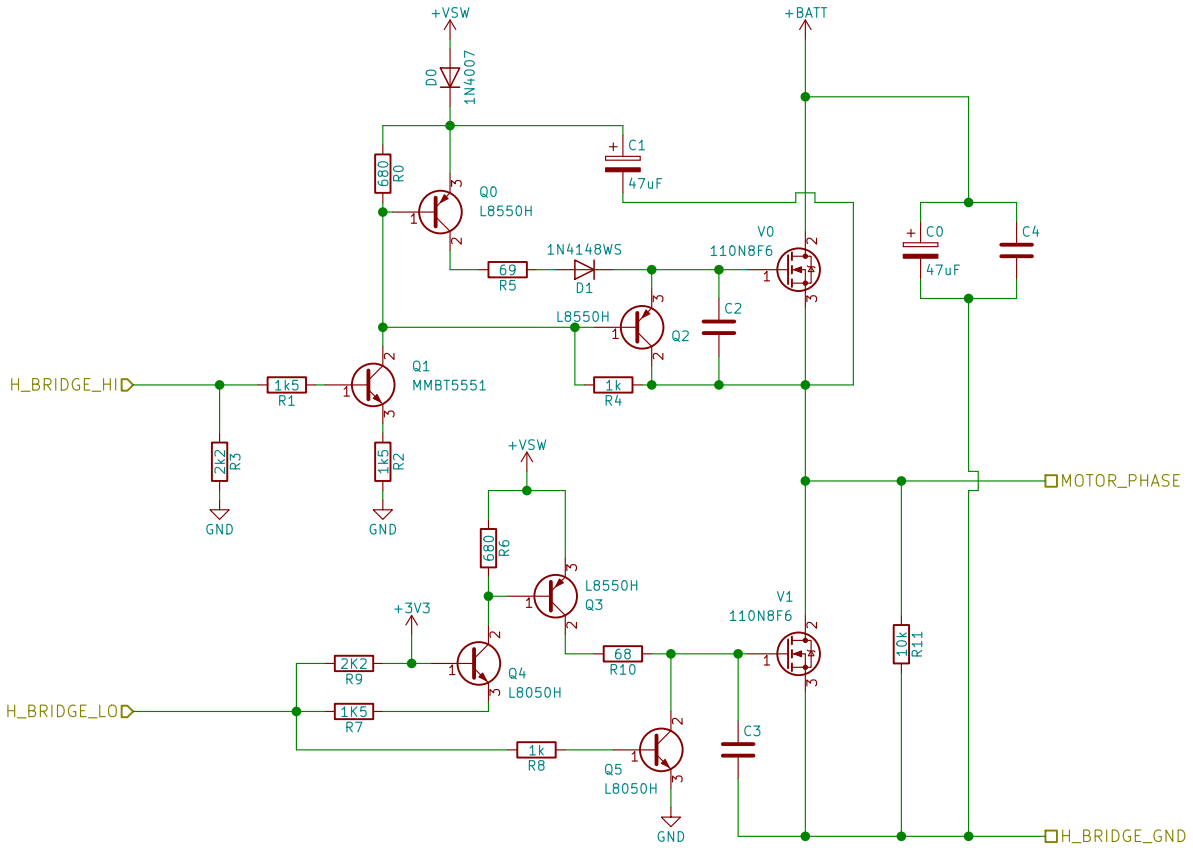
PCB MARKINGS: 679394 20150722

Sheet: /
File: hoverboard_controller.sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 1/13



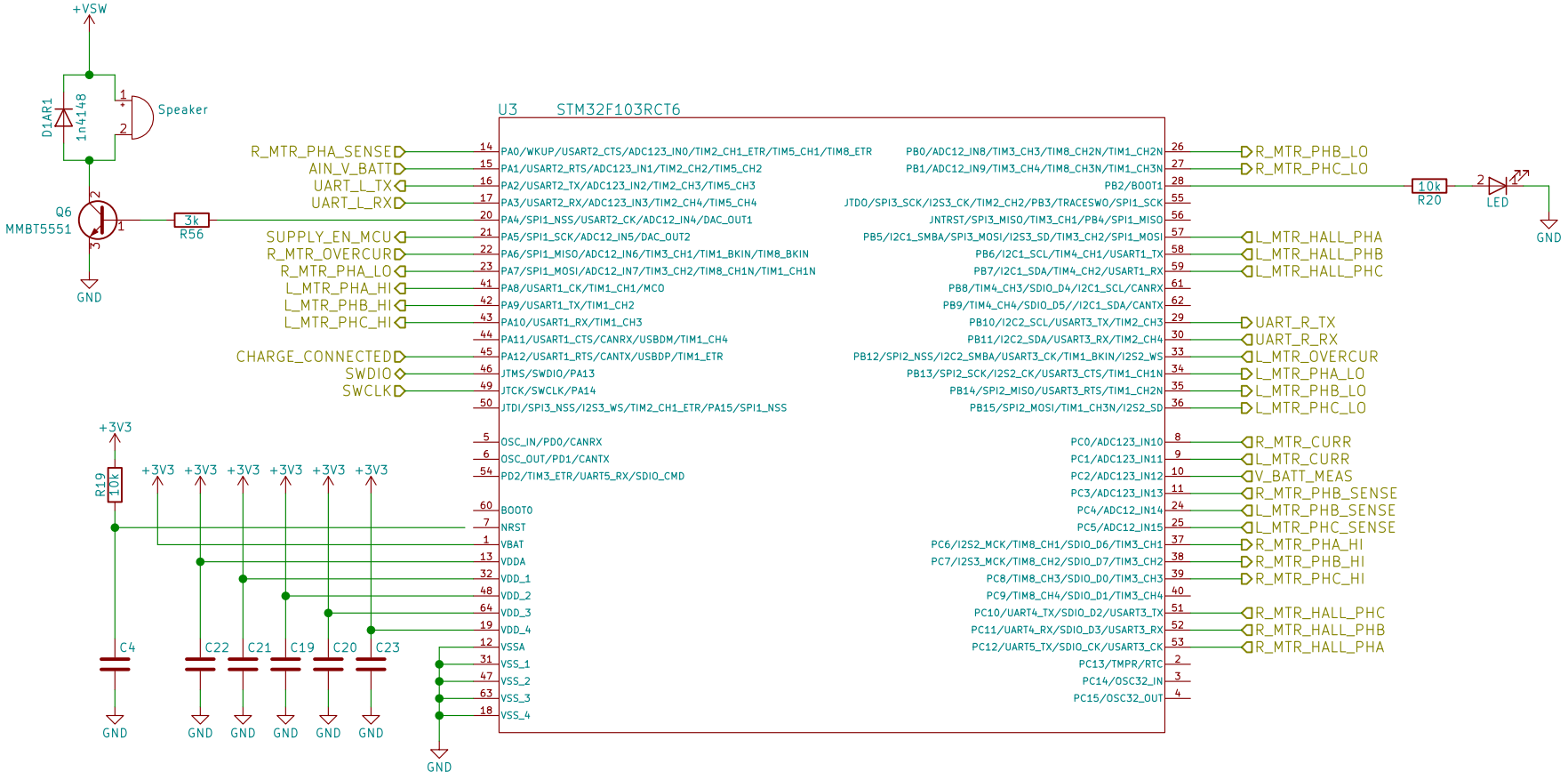
COMPONENT REFERENCES ARE APPENDED BY "|P|S|" WHERE:
P = MOTOR PHASE (A/B/C)
S = MOTOR SIDE (R/L)
SO FOR RIGHT MOTOR PHASE A: APPEND WITH "AR"

NOT FOR COMMERCIAL/PRODCUTION USE

Sheet: /R_MTR_PHA/
File: hh_bridge.sch

Title: MOTOR_PHASE_H_BRIDGE

Size: A4	Date: 2018-03-27	**Rev: R01**
KiCad E.D.A. kicad 4.0.7		Id: 2/13



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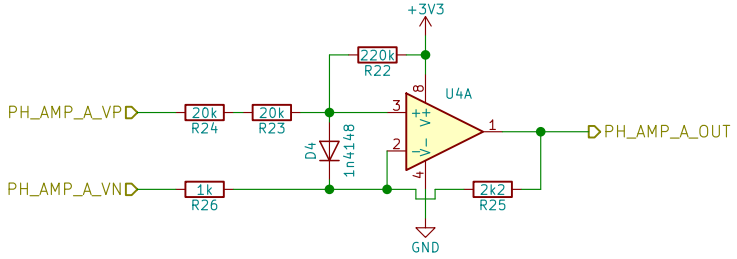
Sheet: /MCU/
File: MCU.sch

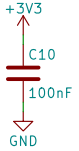
Title:

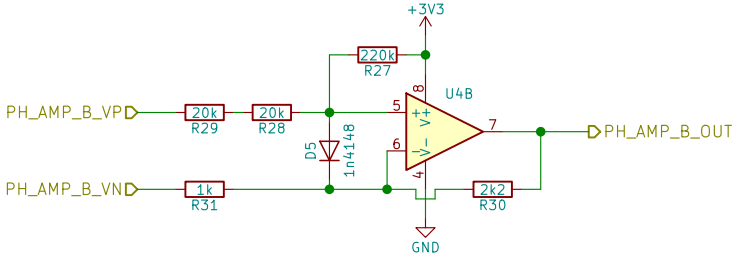
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 8/13

IC PACKAGE HAS MARKING: SD51 1548C.
I COULD NOT FIND THE DATASHEET FOR A DEVICE WITH THIS MARKING
BUT I AM CONFIDENT THIS IS THE CORRECT SCHEMATIC

COMPONENT REFERENCES APPENDED BY (R/L) DEPENDING ON MTR







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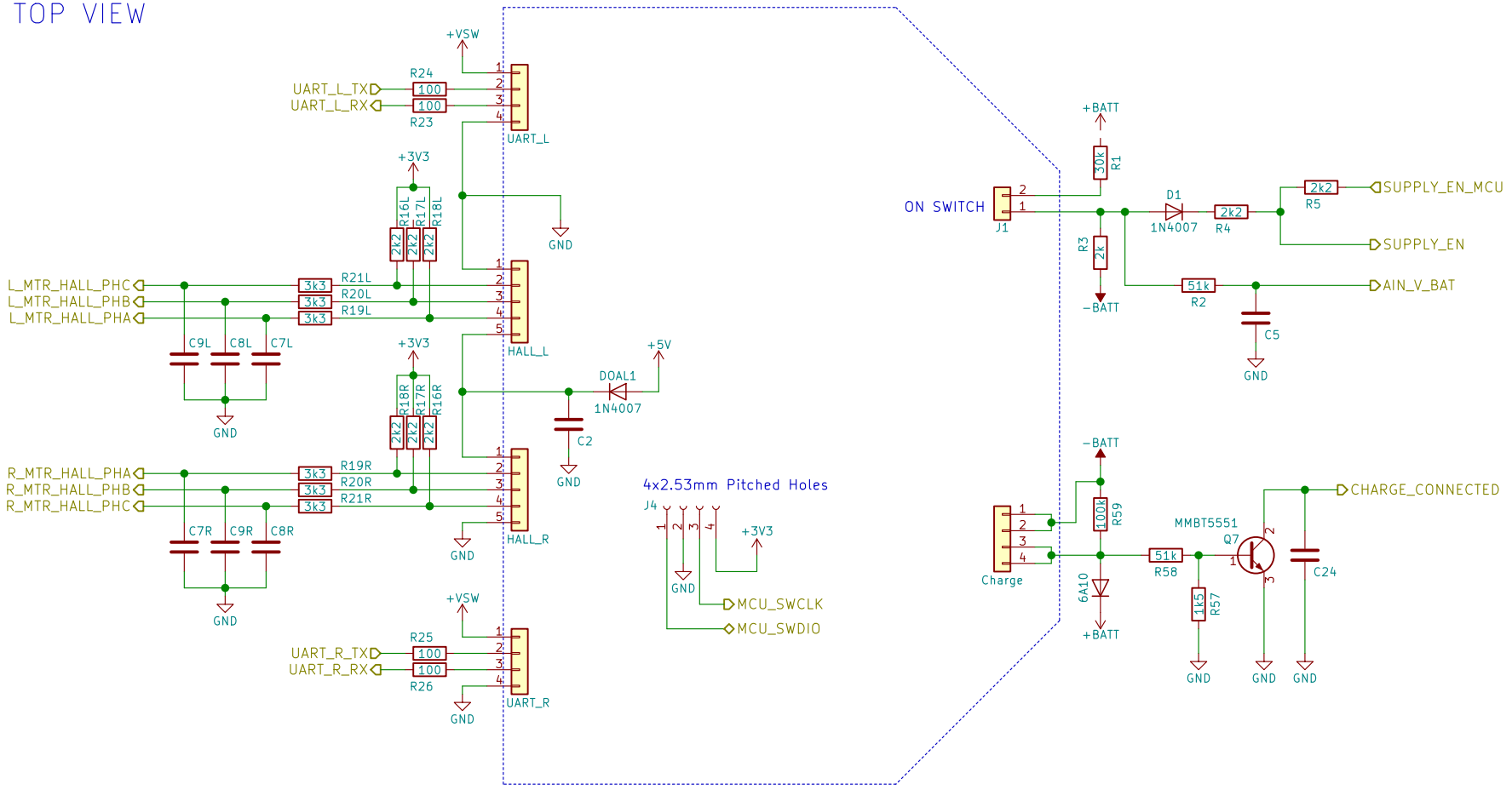
Sheet: /L_MTR_PH_SENSE/
File: phase_sense.sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 9/13



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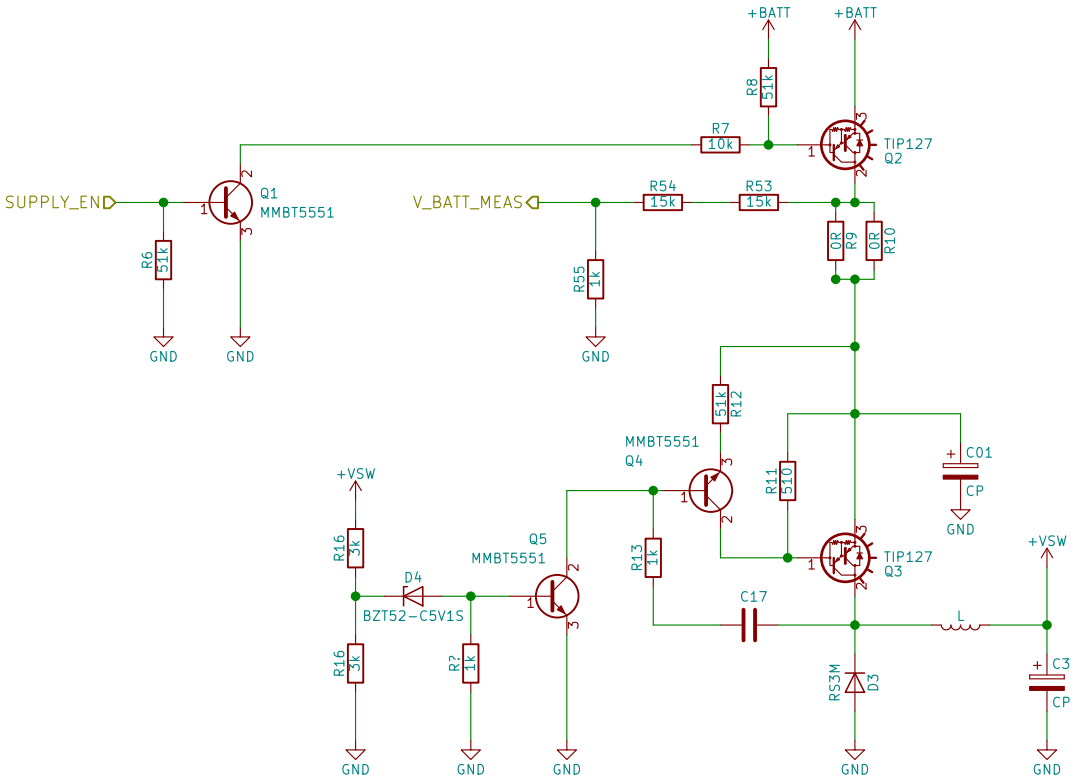
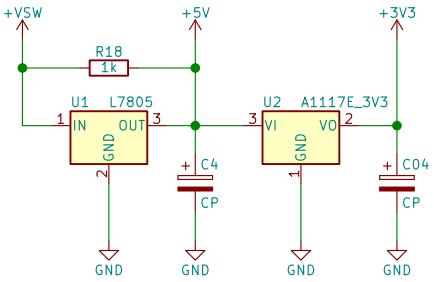
Sheet: /CONNECTORS/ File: connectors.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 11/13





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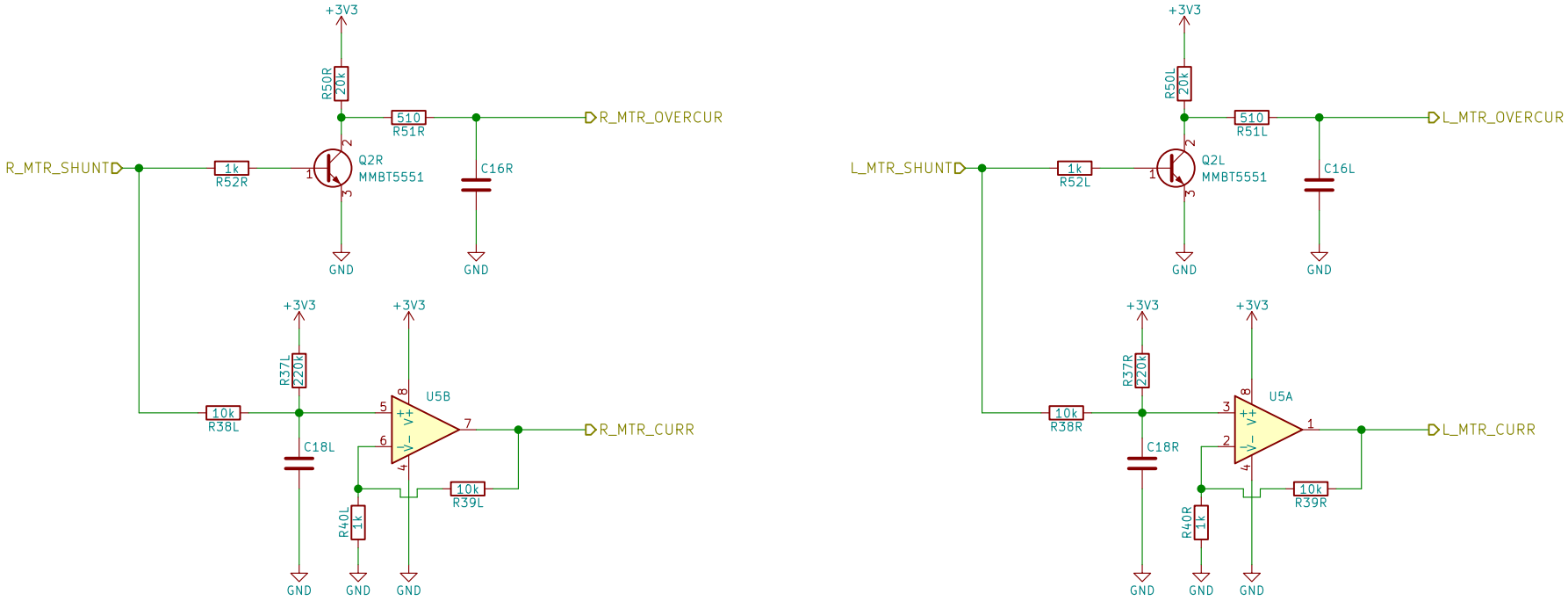
Sheet: /SUPPLIES/
File: supplies.sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 12/13

IC PACKAGE HAS MARKING: A42S FYFh
I COULD NOT FIND THE DATASHEET FOR A DEVICE WITH THIS MARKING
BUT I AM CONFIDENT THIS IS THE CORRECT SCHEMATIC

COMPONENT REFERENCES (R/L) SEEM MIXED ON PCB. SHOWN HERE AS IS.



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Sheet: /CURRENT_SENSE/ File: current_sense.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 4.0.7		Id: 13/13