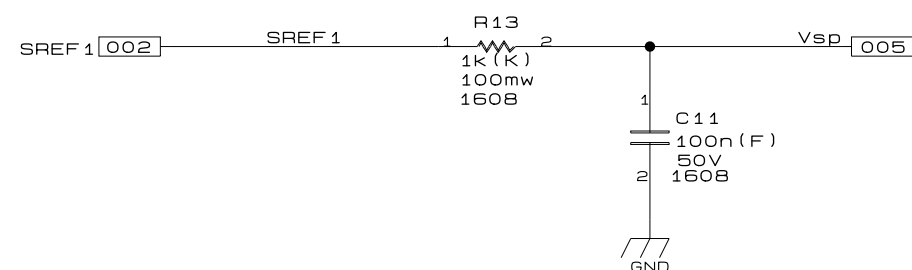
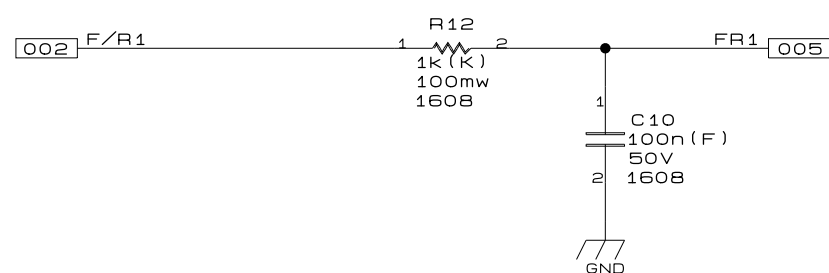


CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION Power Supply	Sheet Num. 1/7	Rev. 1	Date 2020-03-17
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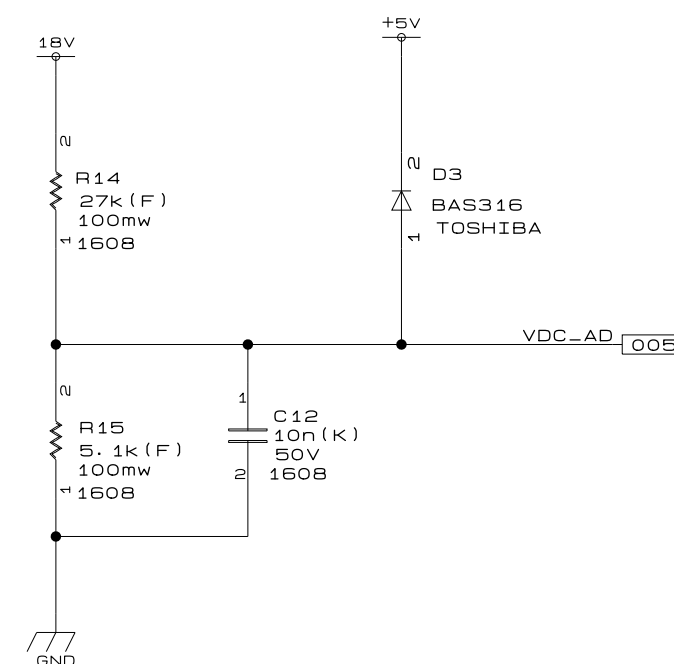
## Speed control



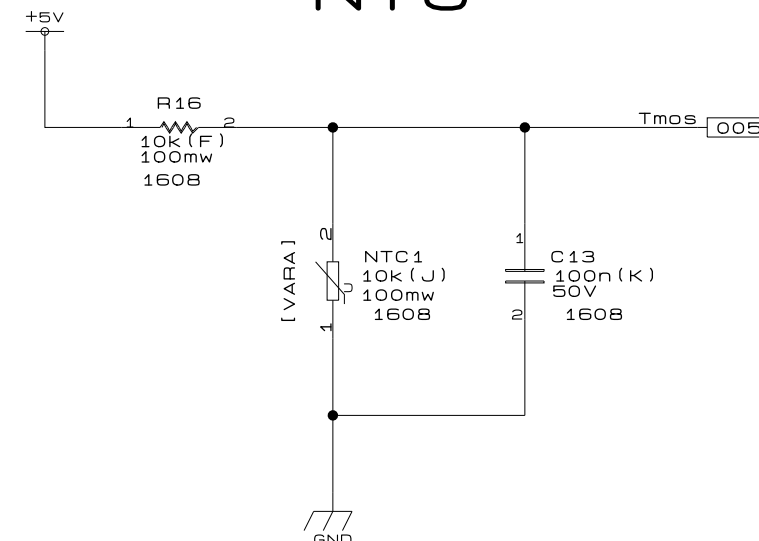
## Motor direction



## Over/under Voltage Test

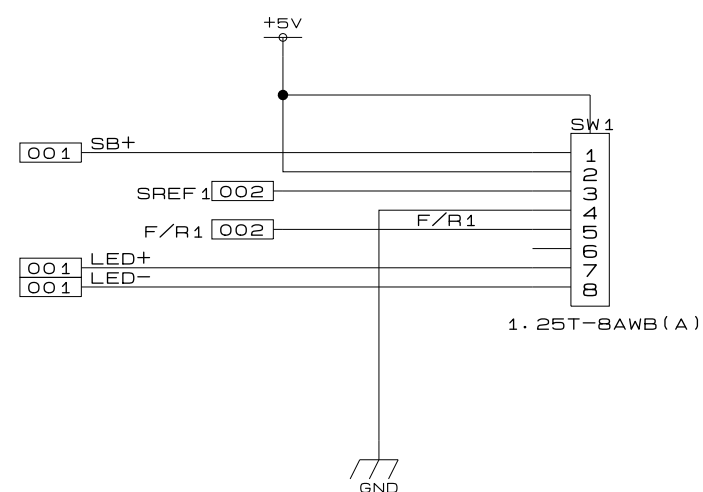


## NTC



NOTE: NTC mounted on the side of MOSFET

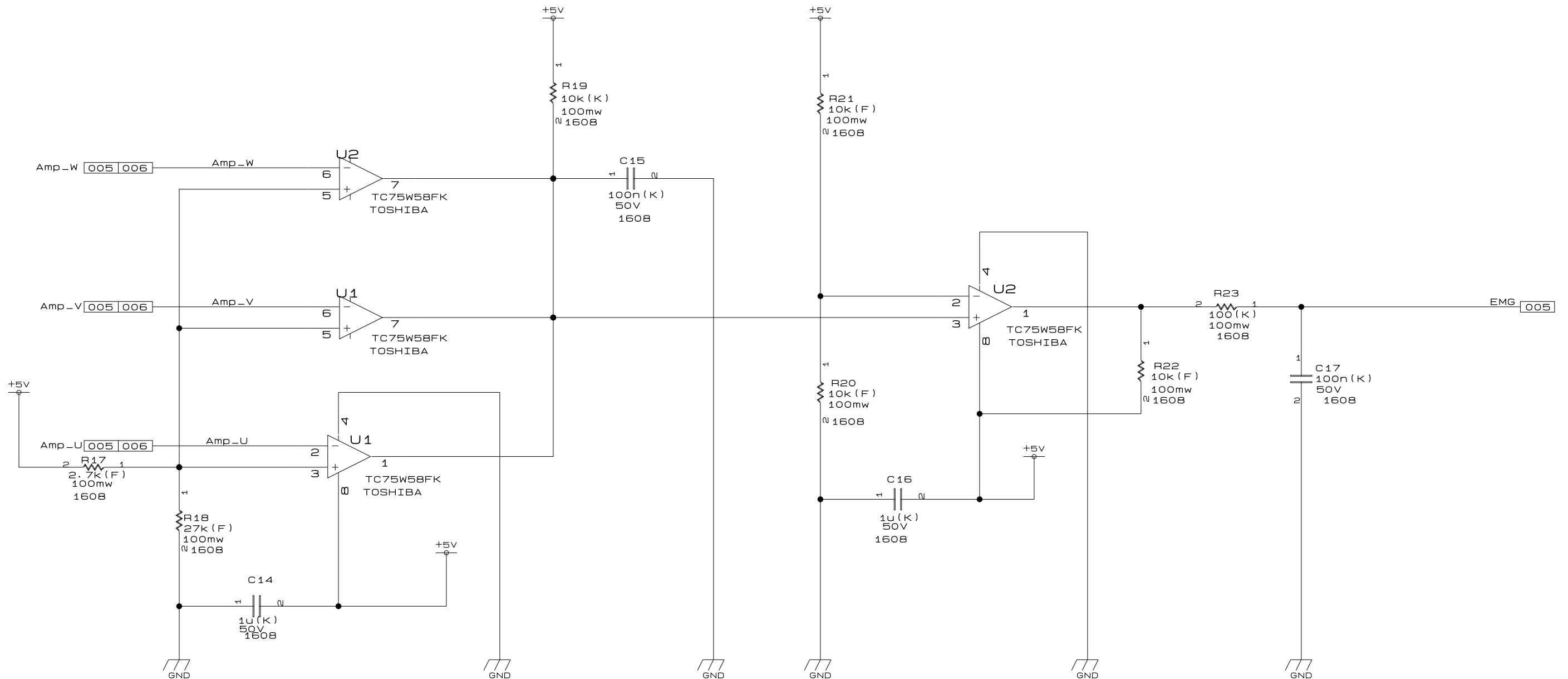
## Connector to E-Tool switch



CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION Switch control	Sheet Num. 2/7	Rev. 1	Date 2020-03-17
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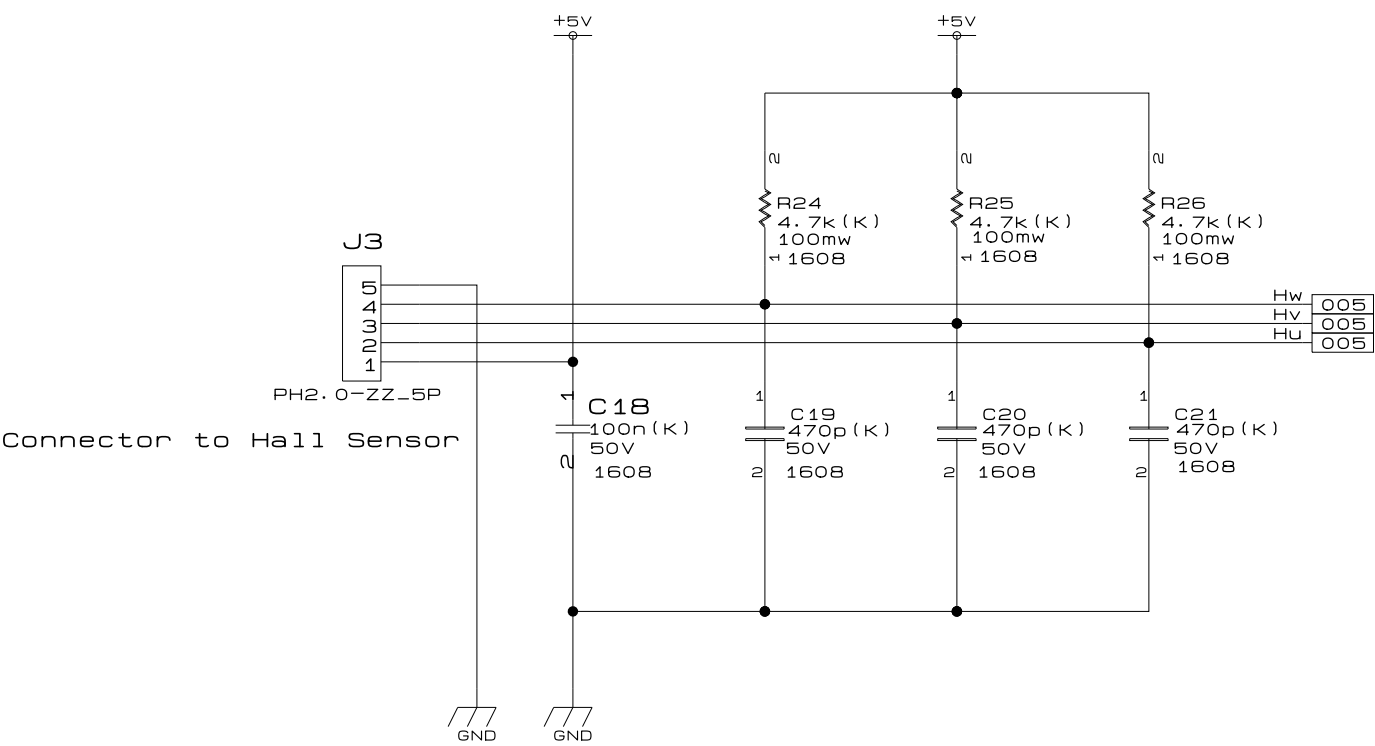
EMG

EMG: Emergency Detection

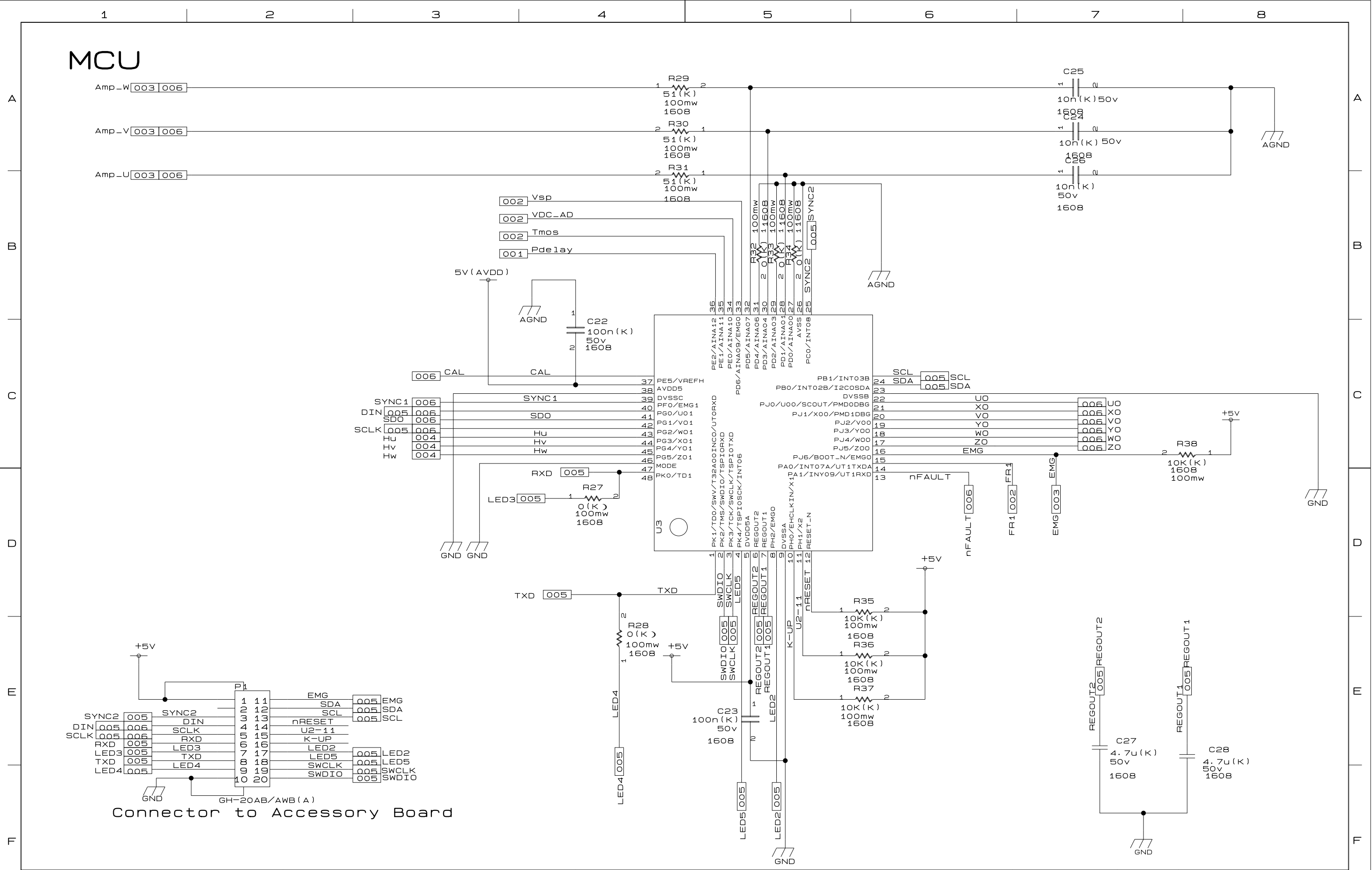


CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION EMG detection	Sheet Num. 3/7	Rev. 1	Date 2020-03-17
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# Hall Sensor Connector

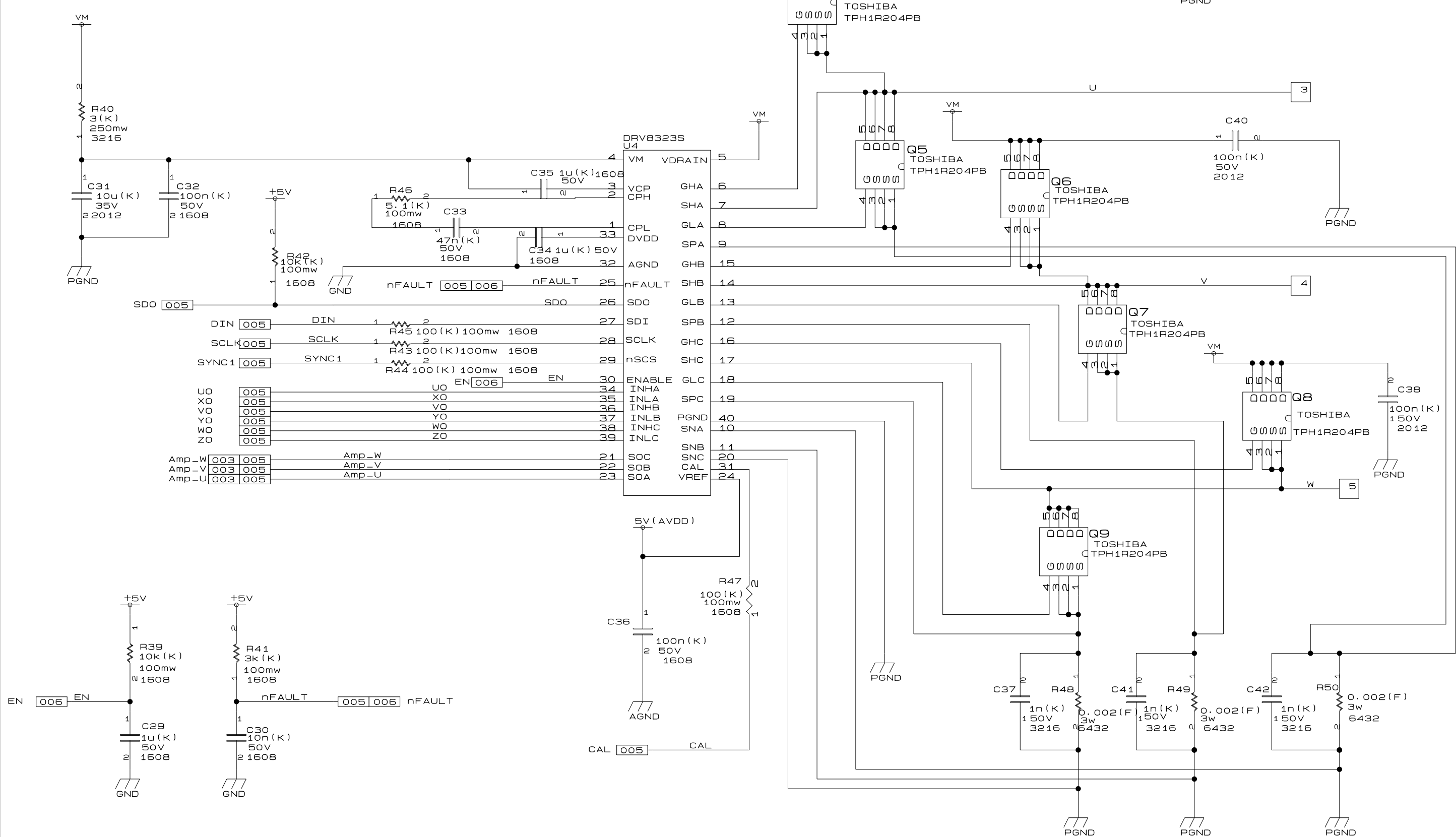


CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION Hall signal detection	Sheet Num. 4/7	Rev. 1	Date 2020-03-17
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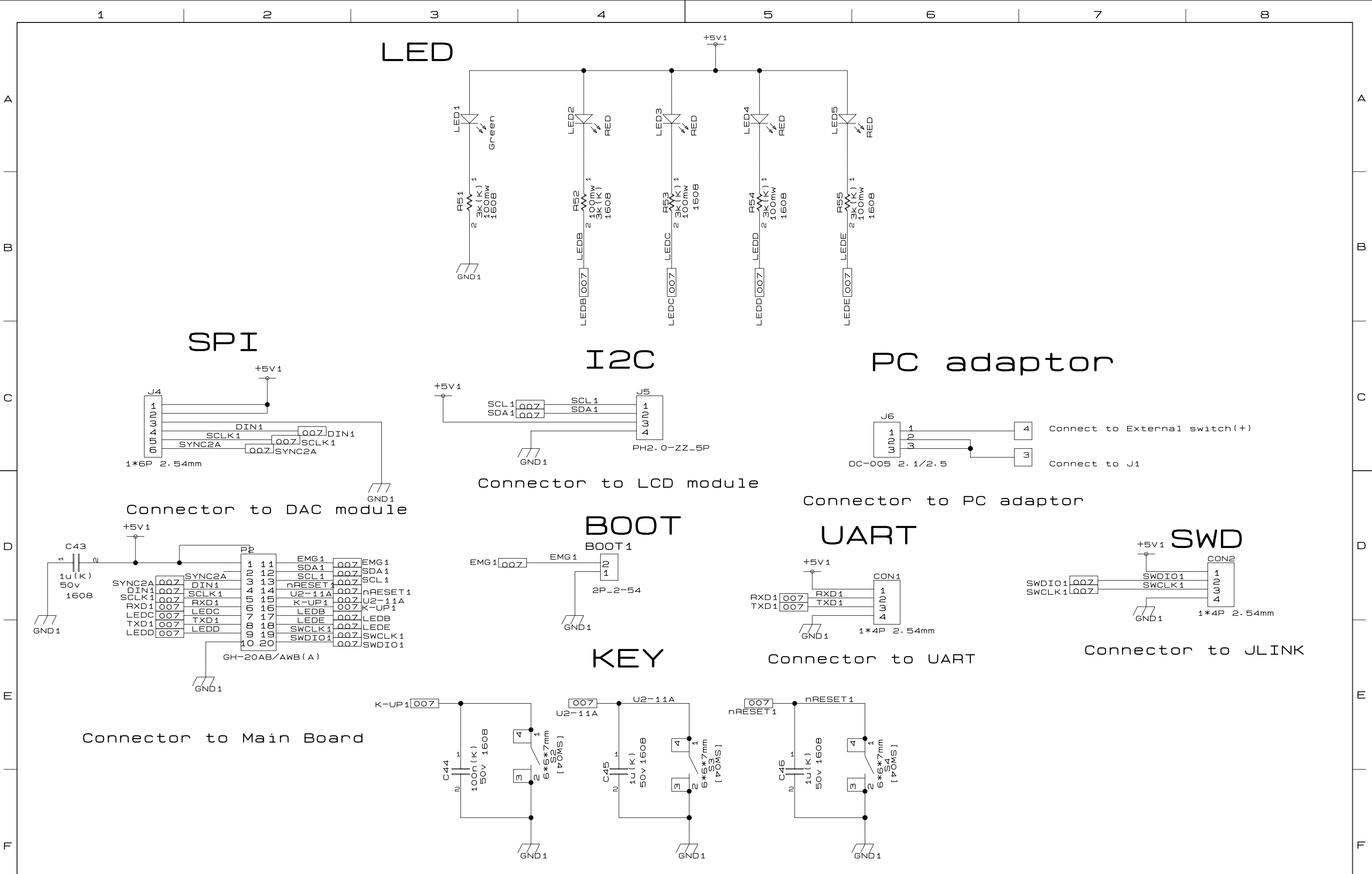


CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION MCU Control, 3-Shunt current detection	Sheet Num. 5/7	Rev. 1	Date 2020-03-17
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# BLDC Driver



CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION Motor driver 8320S	Sheet Num. 6/7	Rev. 1	Date 2020-03-17
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CONTROL NUM. RD166-SCHEMATIC-01	TITLE Motor Control Circuit for Cordless Power Tool	FUNCTION LED cotrol	Sheet Num. 7/7	Rev. 1	Date 2020-03-17
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