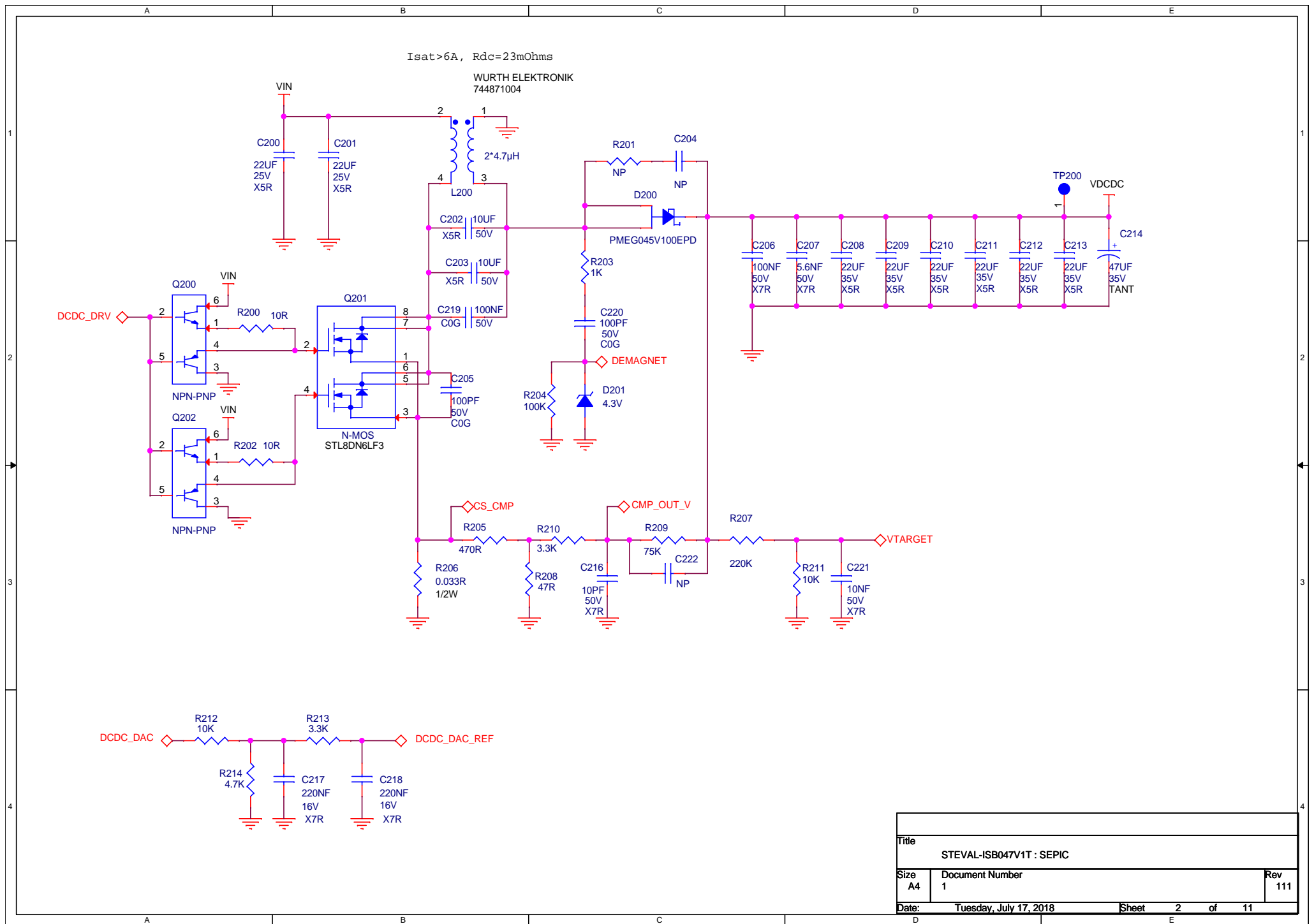
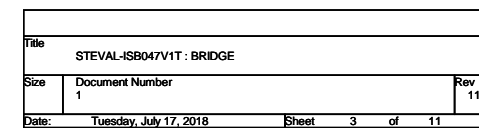


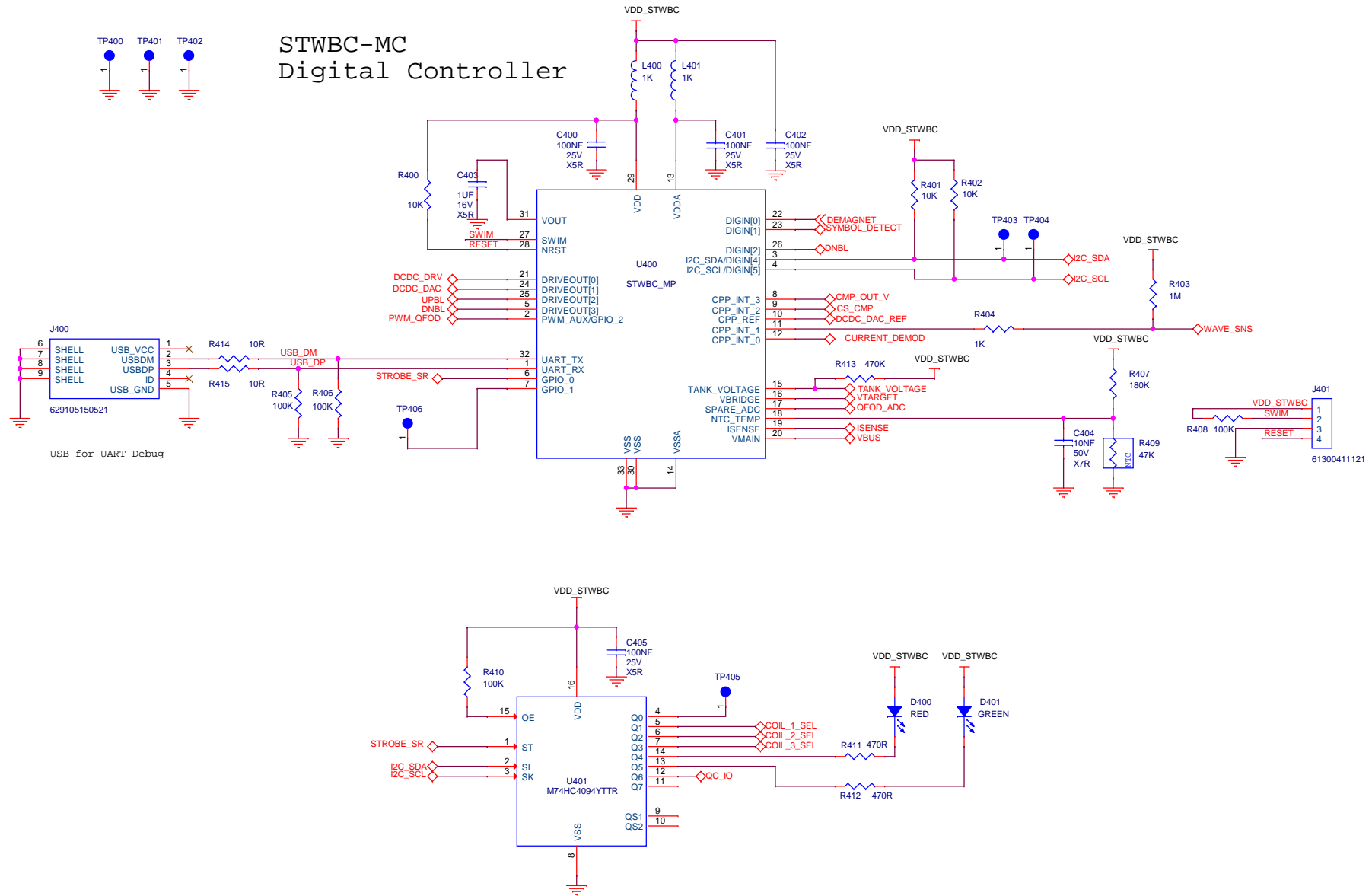
Title		
STEVAL-USB047V1T : SUPPLY		
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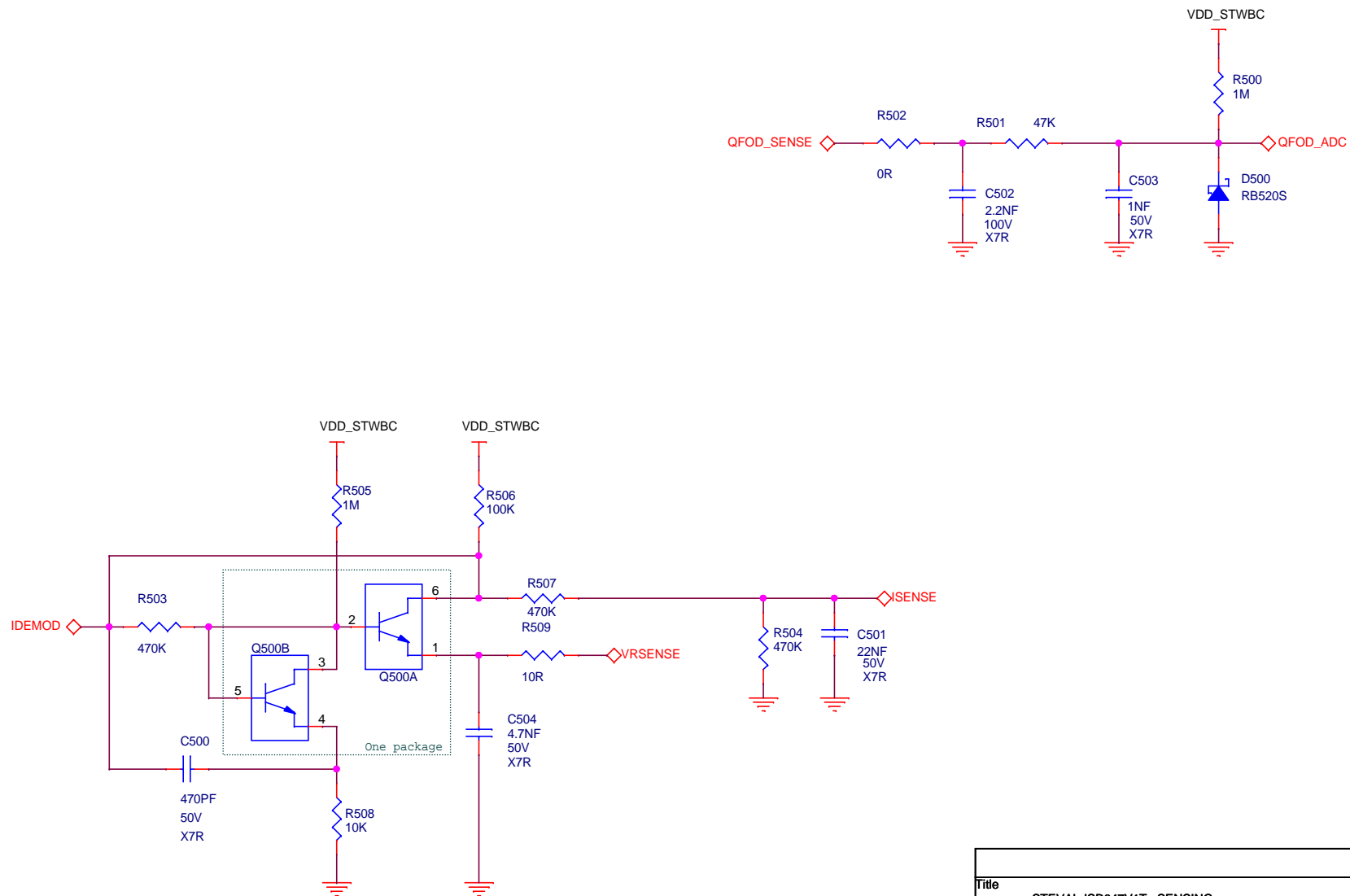
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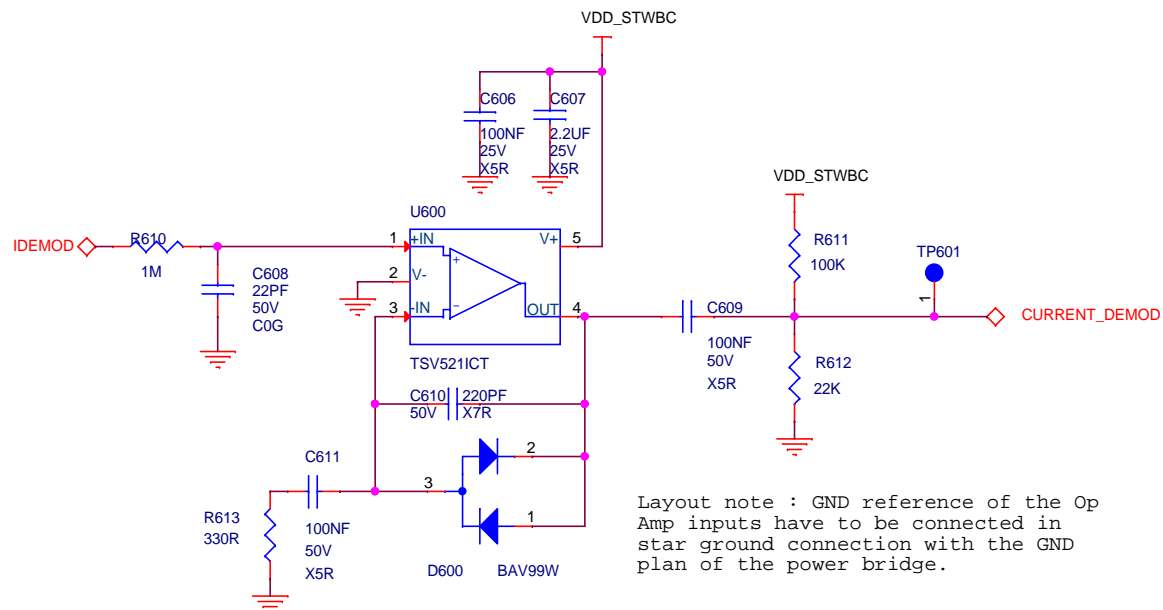
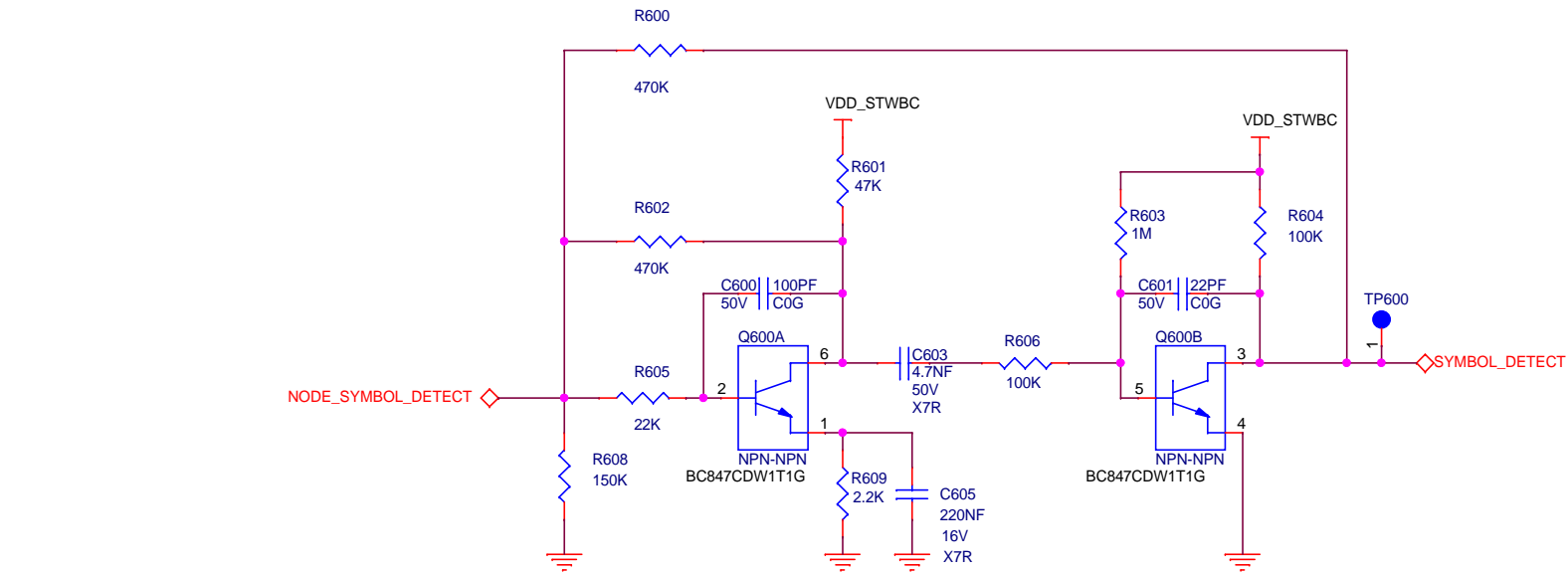
STWBC-MC Digital Controller



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STWBC-MC Digital Controller		
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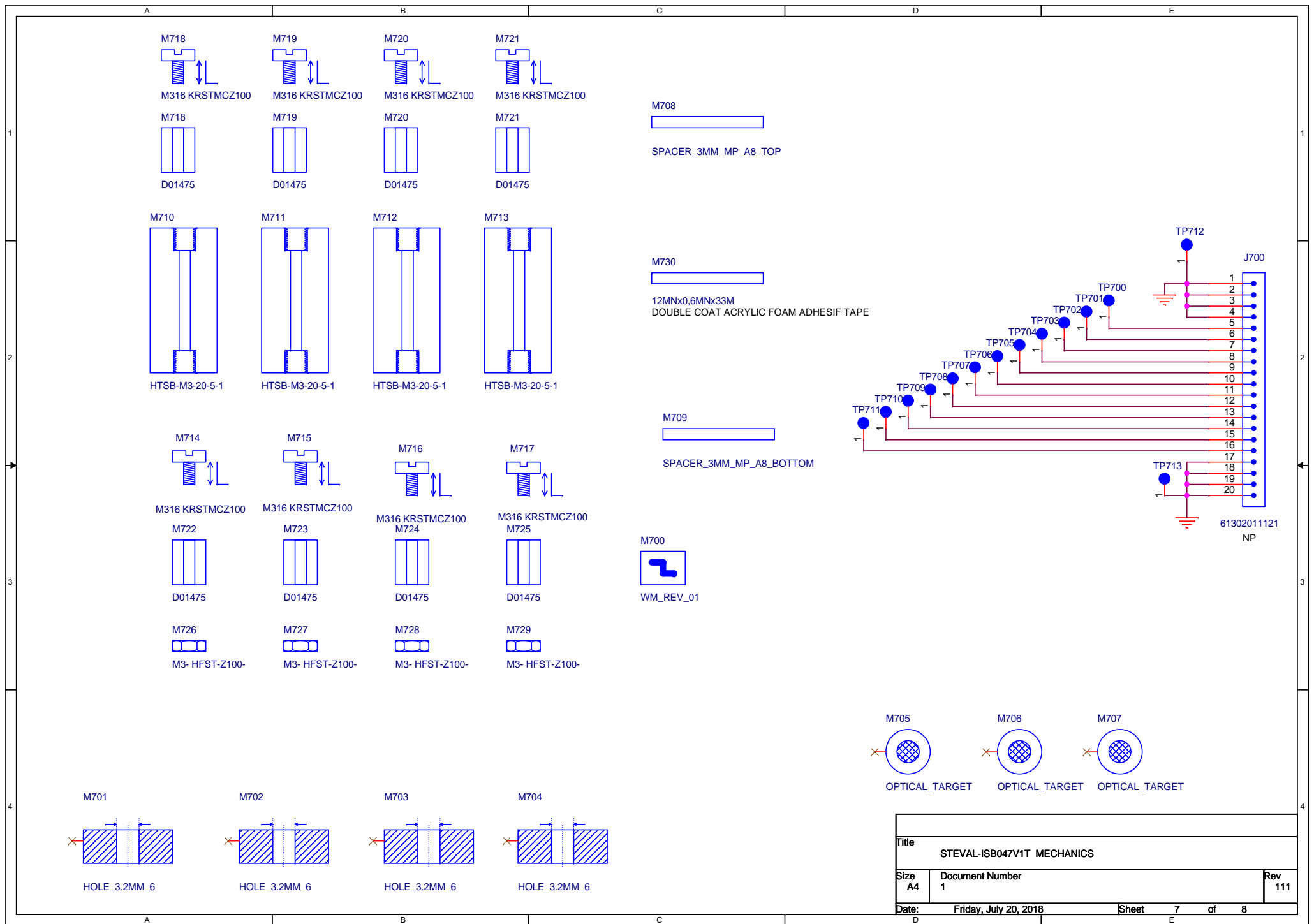


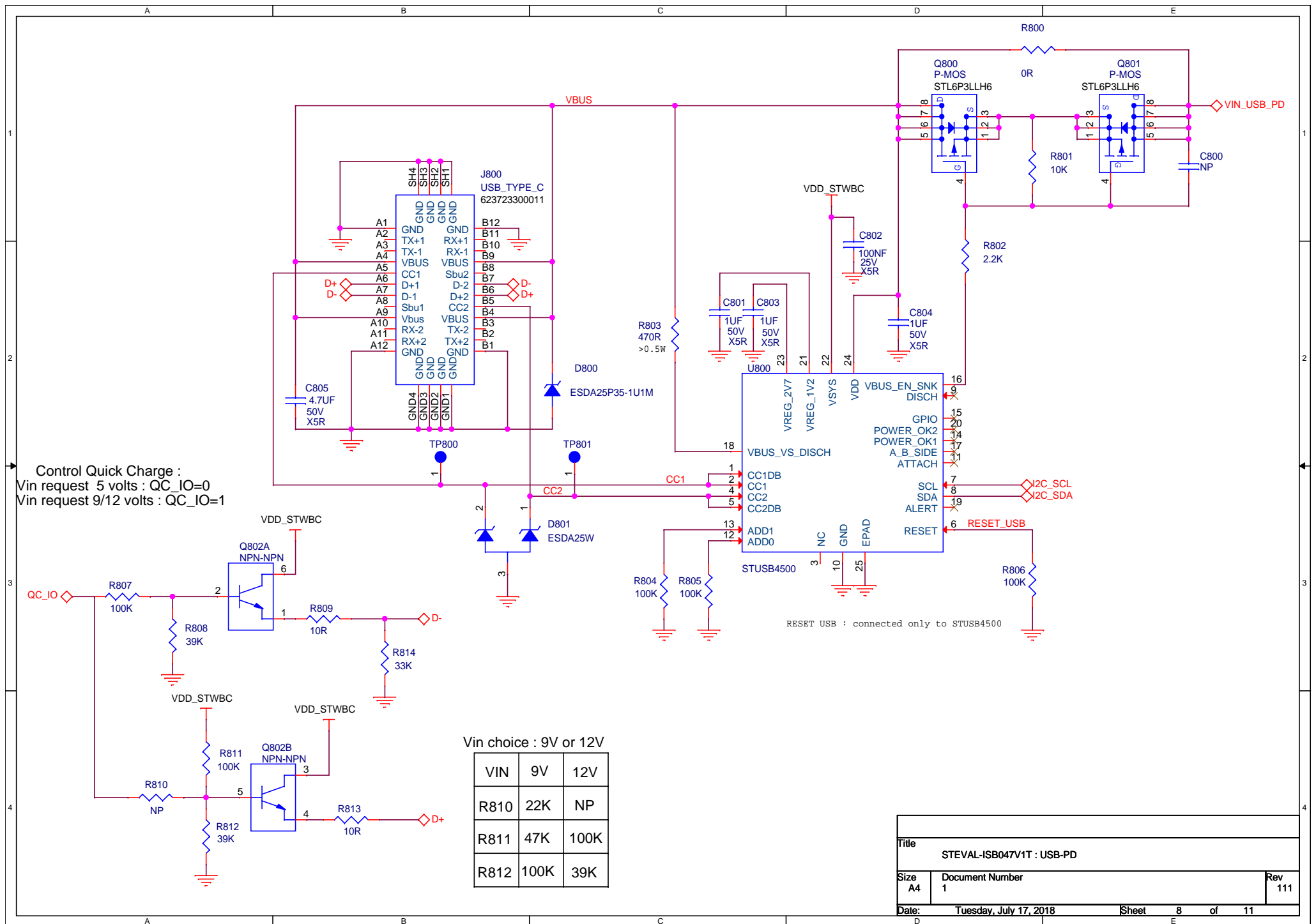
Title		
STEVAL-USB047V1T : SENSING		
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Layout note : GND reference of the Op
Amp inputs have to be connected in
star ground connection with the GND
plan of the power bridge.

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STEVAL-4SB047V1T : DEMOD		
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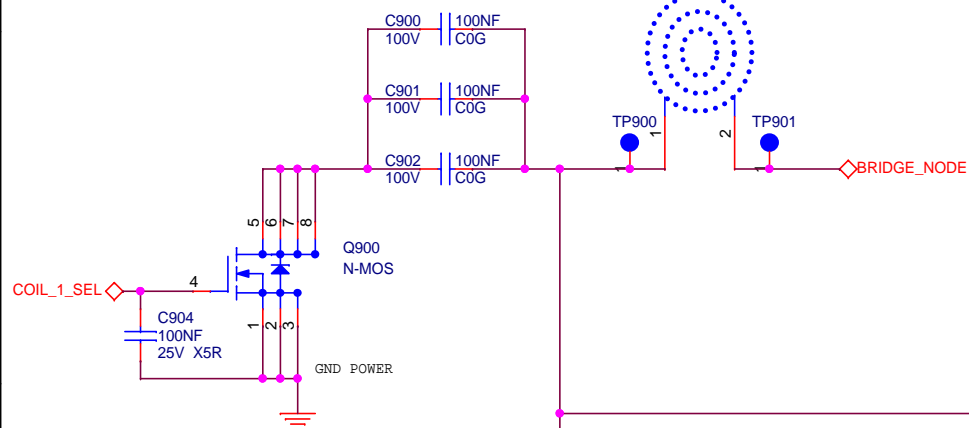


COIL N° 1

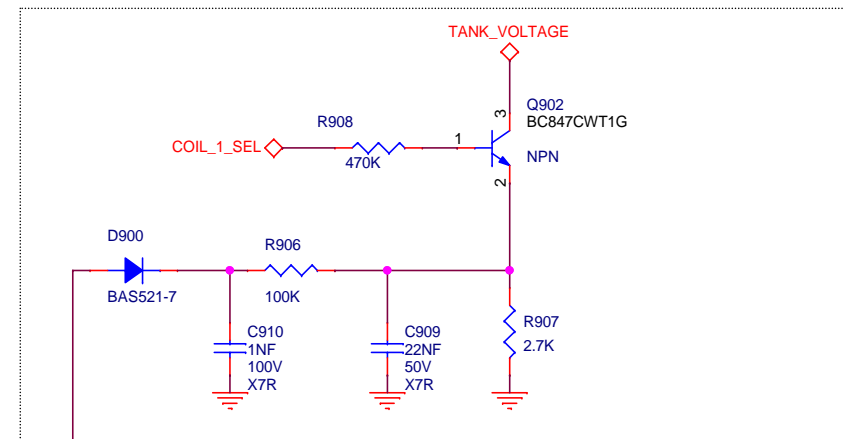
COIL POWER

All caps : P/N =

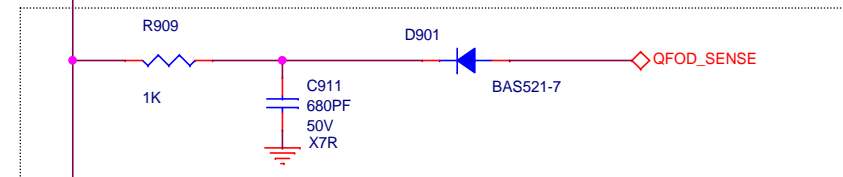
M900A
coil A:8.5uH - coil B:7.5uH - coil C:8.5uH



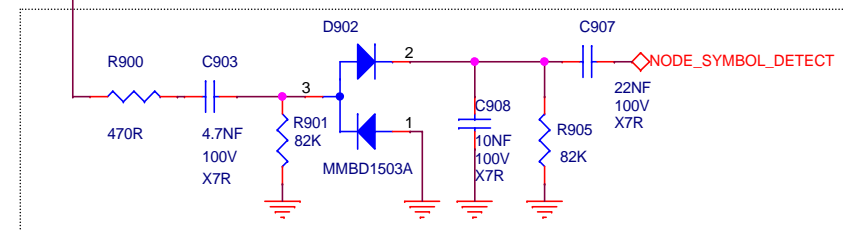
VOLTAGE SENSING



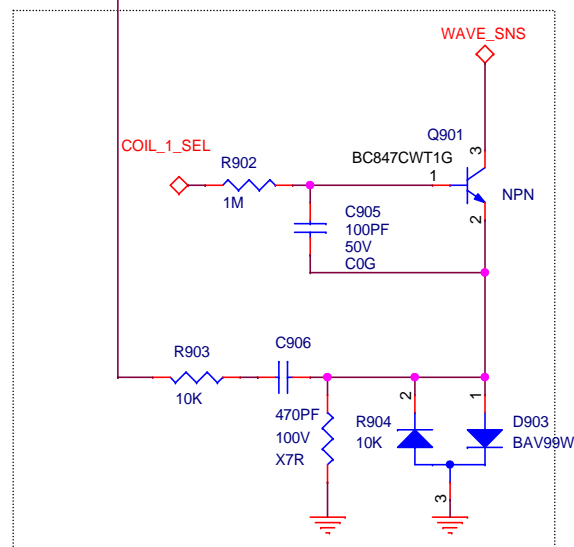
QFOD SENSING



VOLTAGE DEMOD



WAVE SENSE MUX

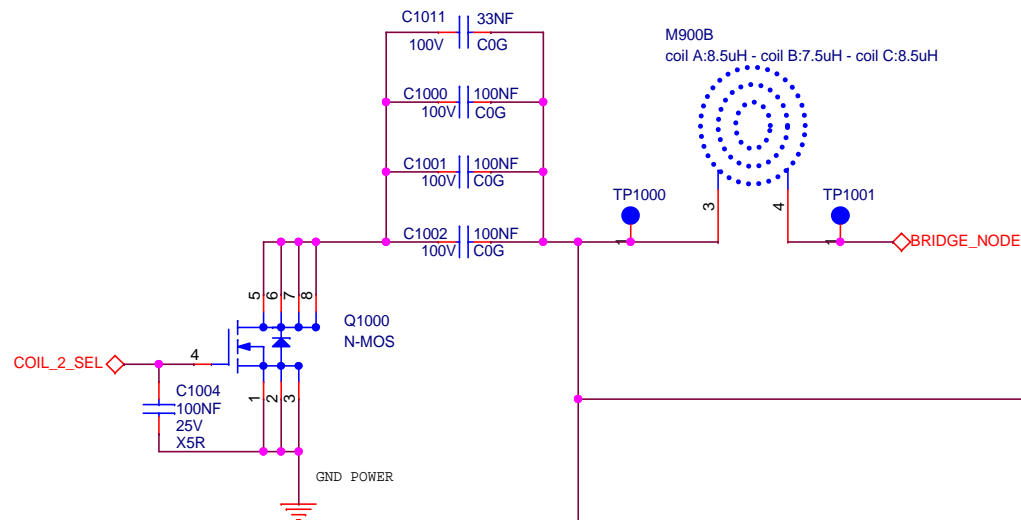


Title		
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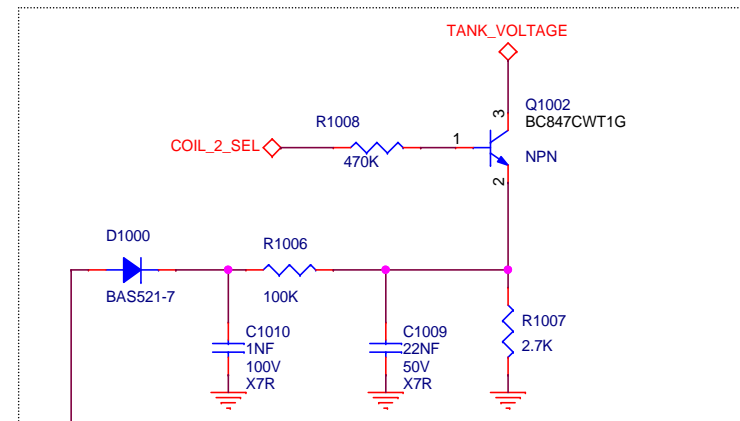
COIL N° 2

COIL POWER

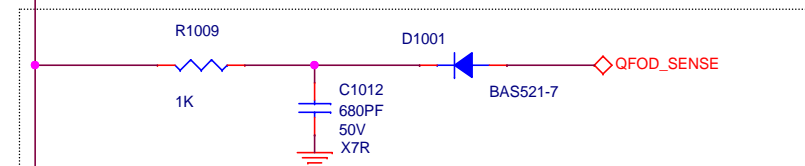
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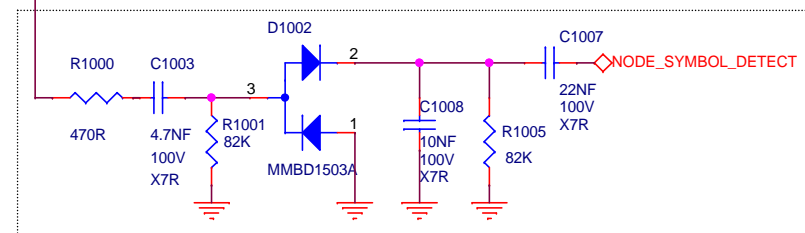
VOLTAGE SENSING



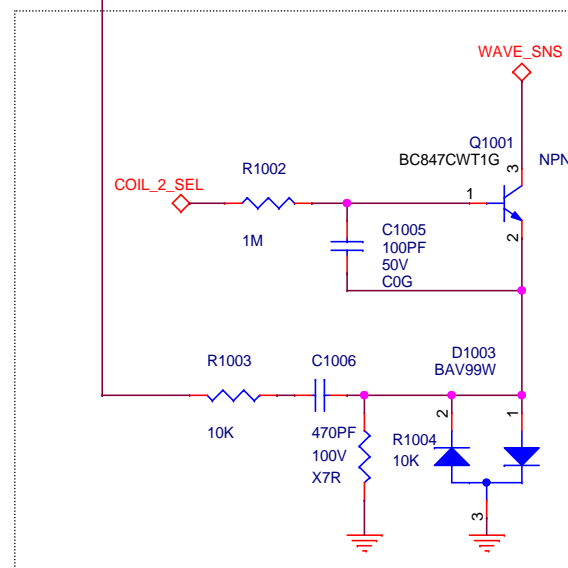
QFOD SENSING



VOLTAGE DEMOD



WAVE SENSE MUX

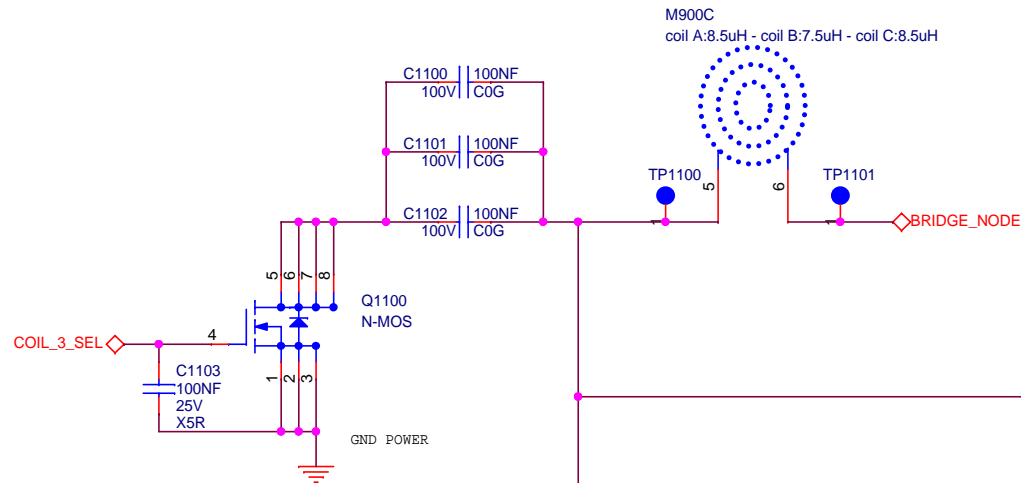


Title		
STEVAL-ISH047V1T : COIL N°2		
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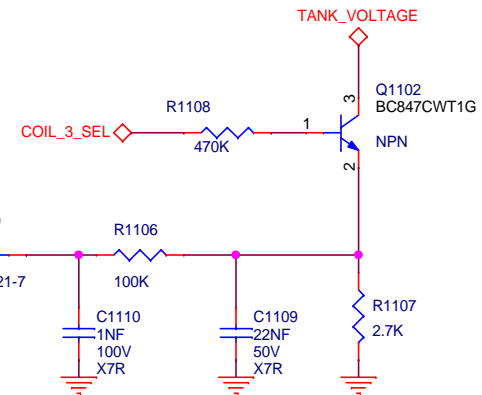
COIL N° 3

COIL POWER

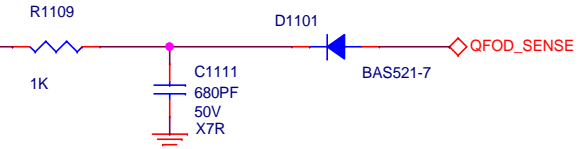
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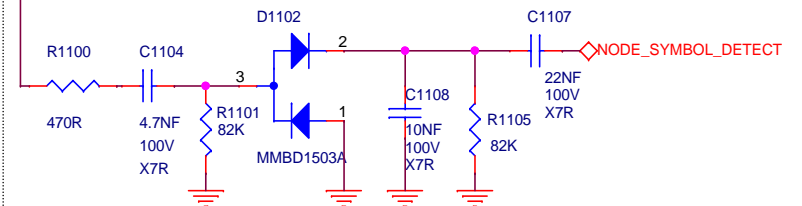
VOLTAGE SENSING



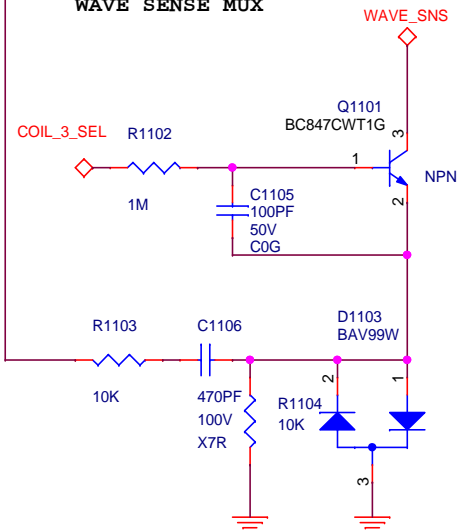
QFOD SENSING



VOLTAGE DEMOD



WAVE SENSE MUX



Title		
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