

Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A

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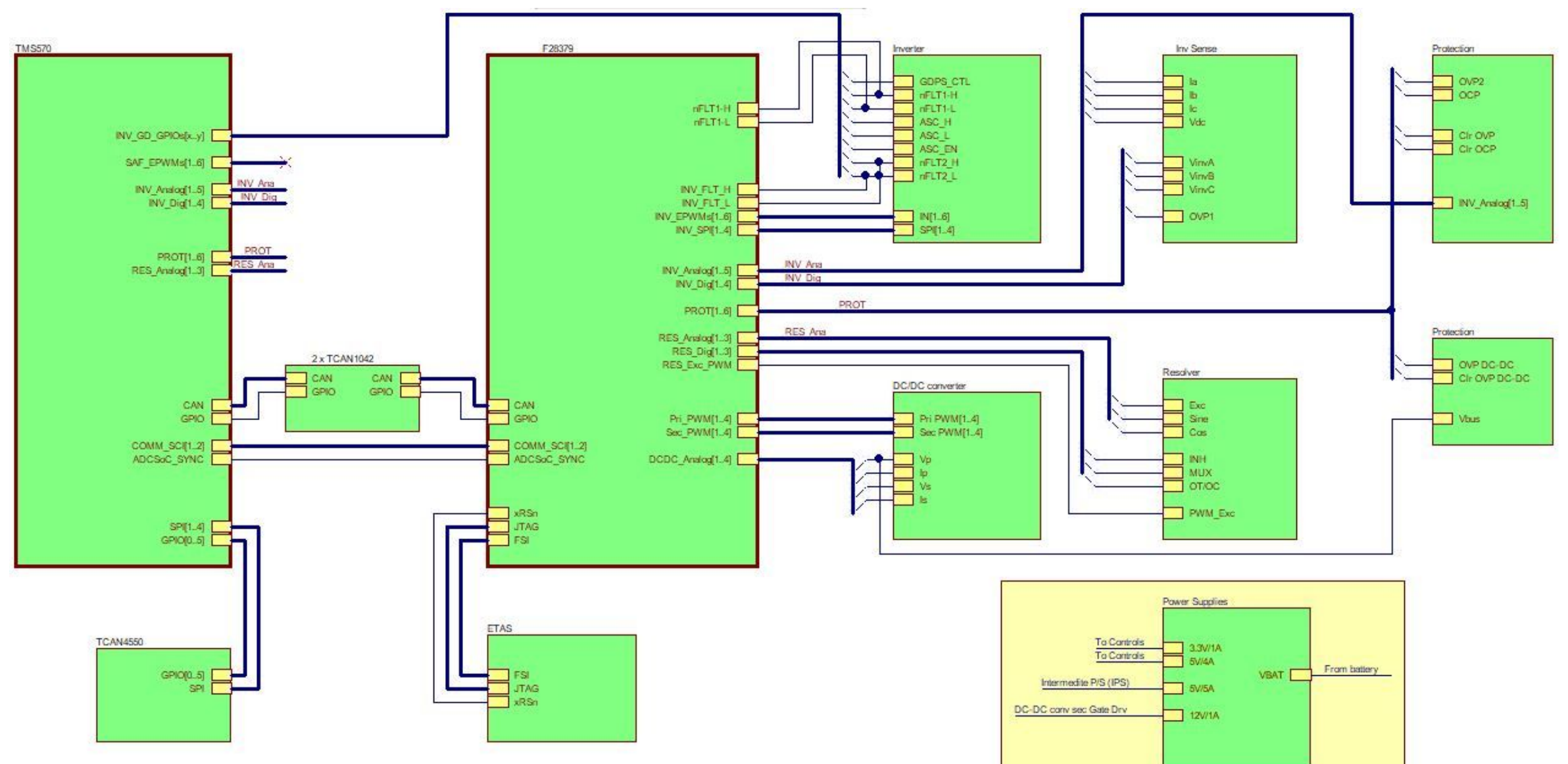
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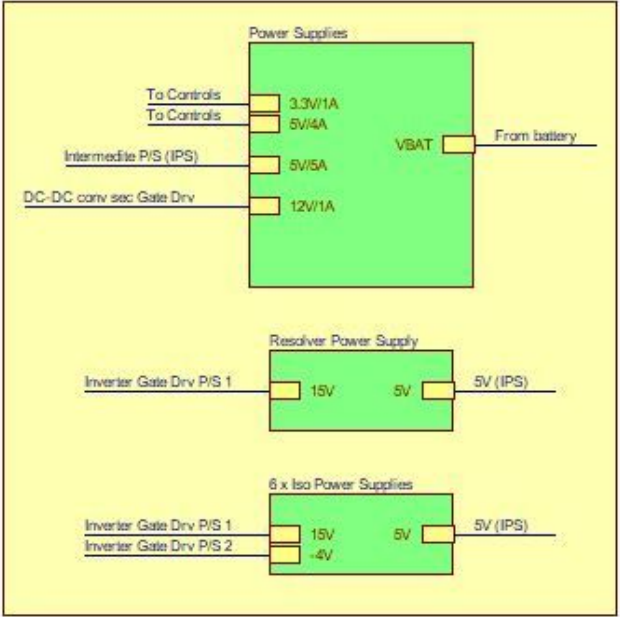
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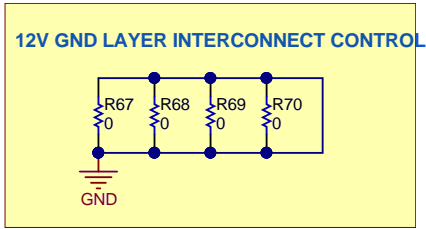
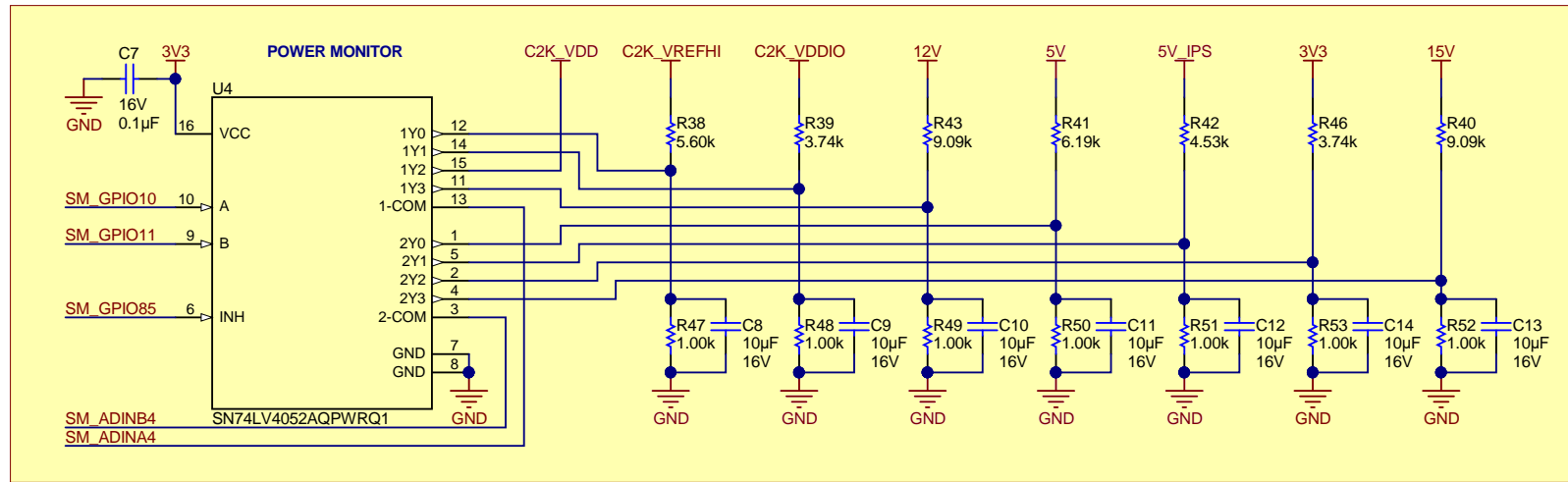
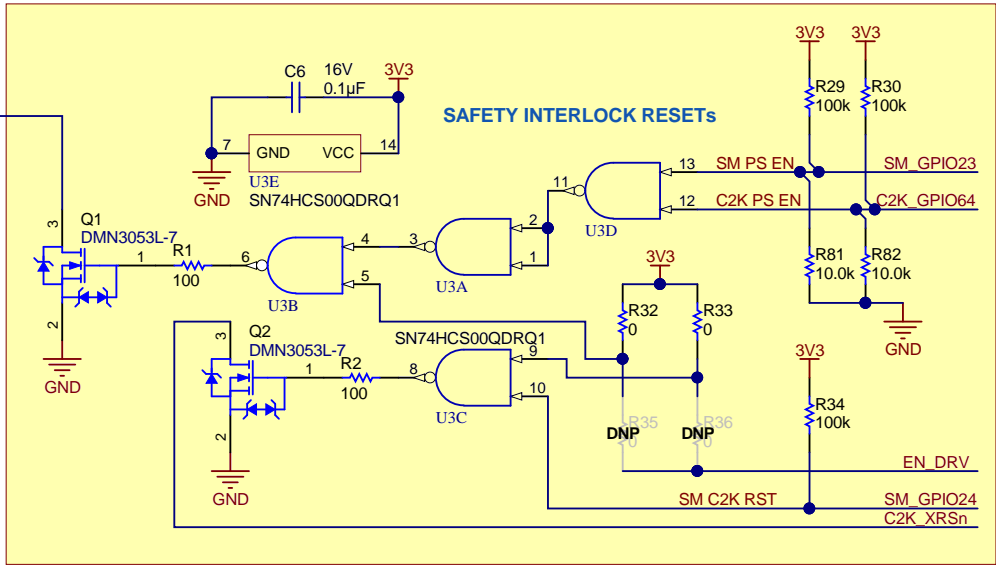
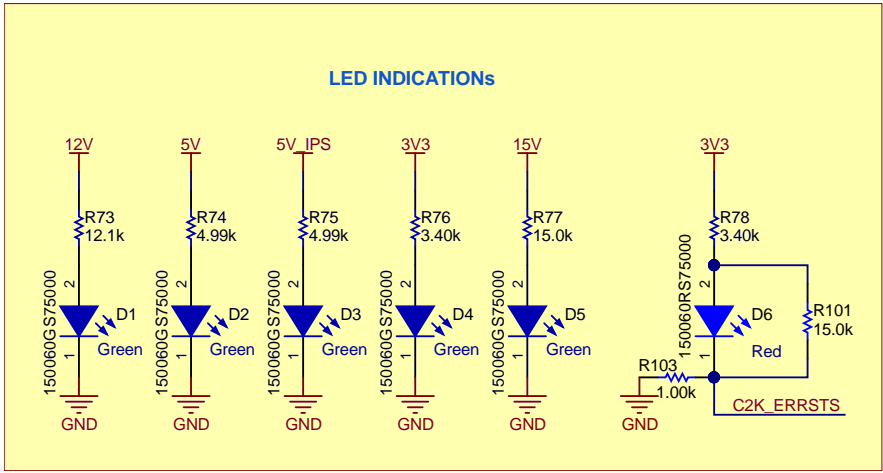
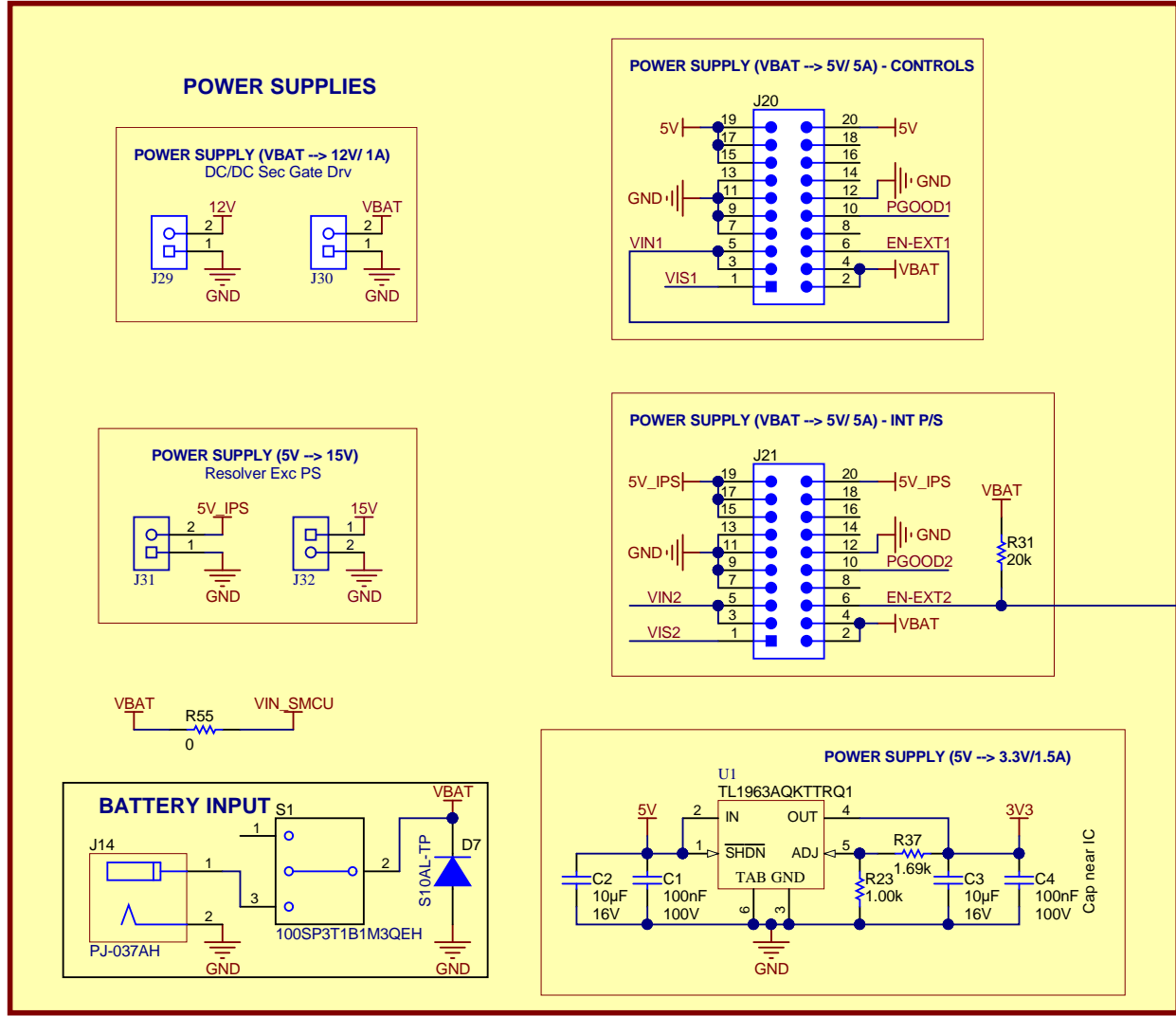
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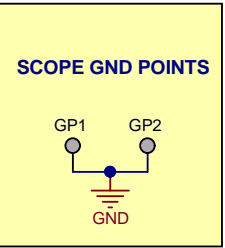
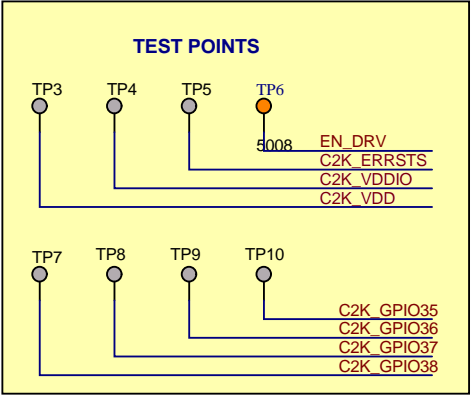
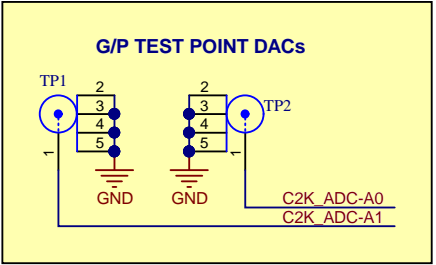
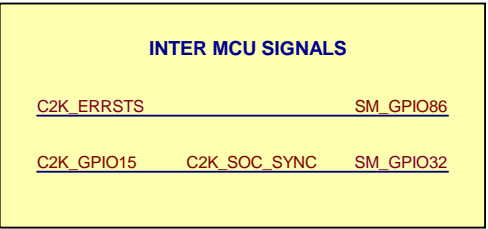
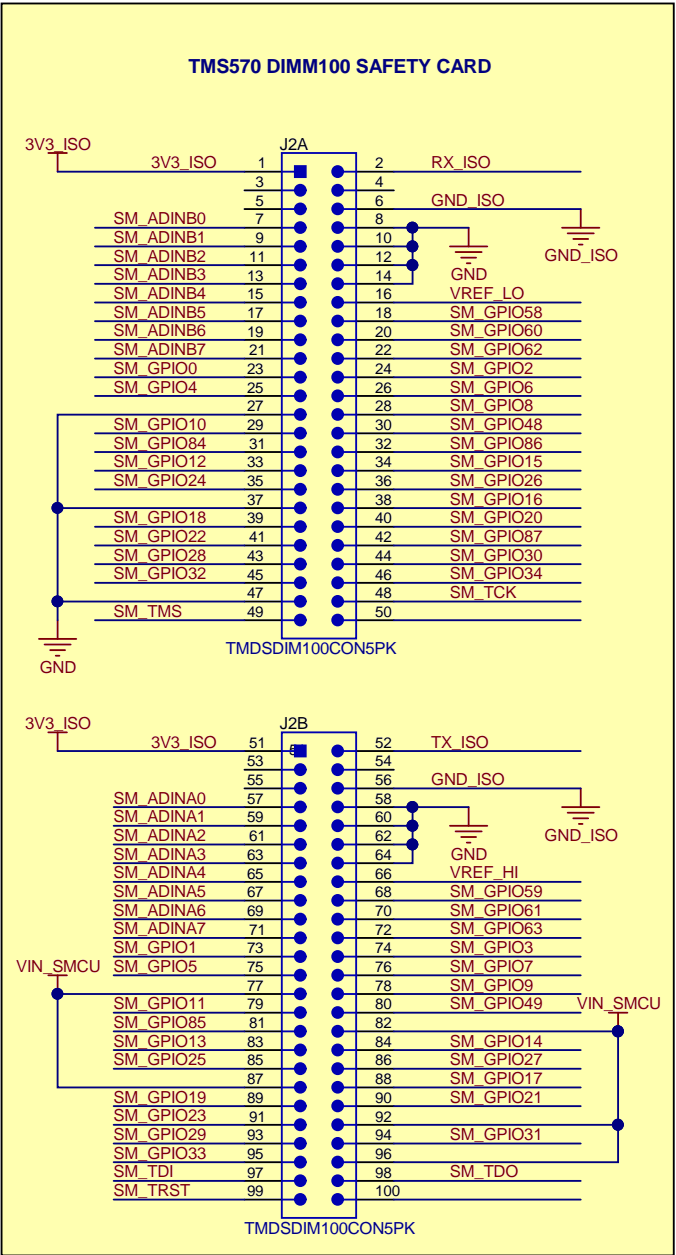
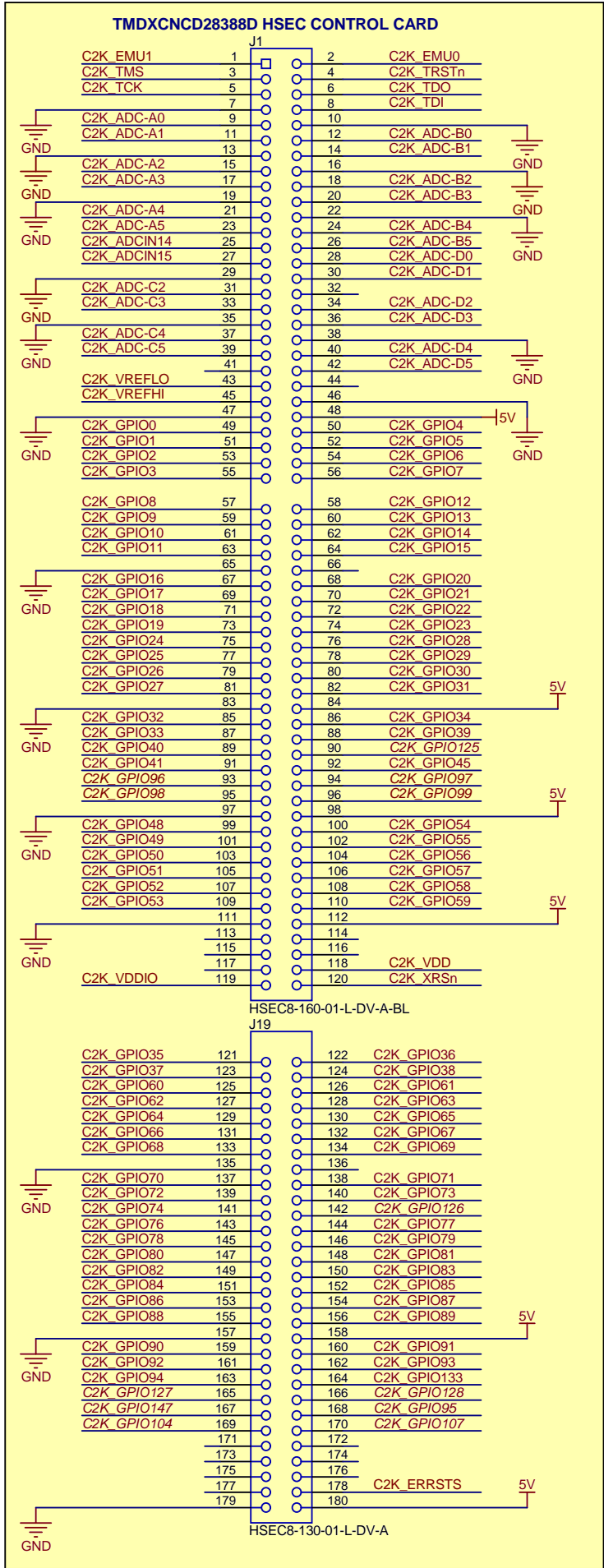
NOTE:-

1. Consider optional signals to 80 pin side of cc
2. ASC will handled by 570
3. C2000 will use CLB for generating similar signal as ASC
4. Add header on SPI for debugging purpose
5. CMPSS could be used as well, but external comp may be considered for safety





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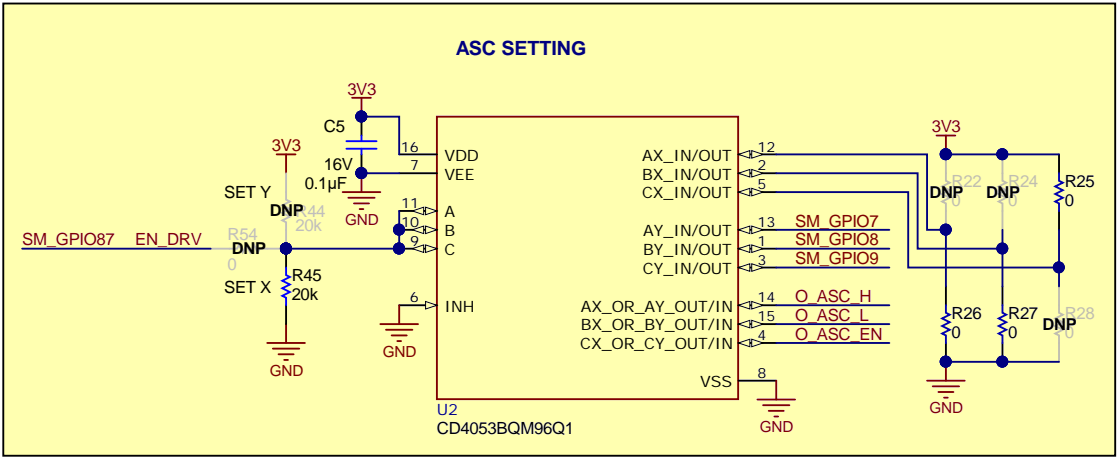
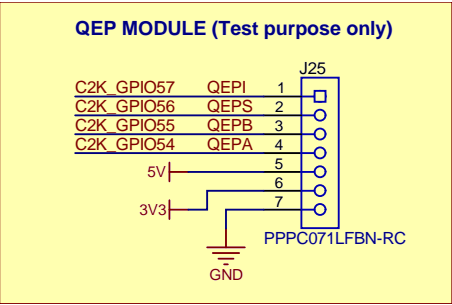
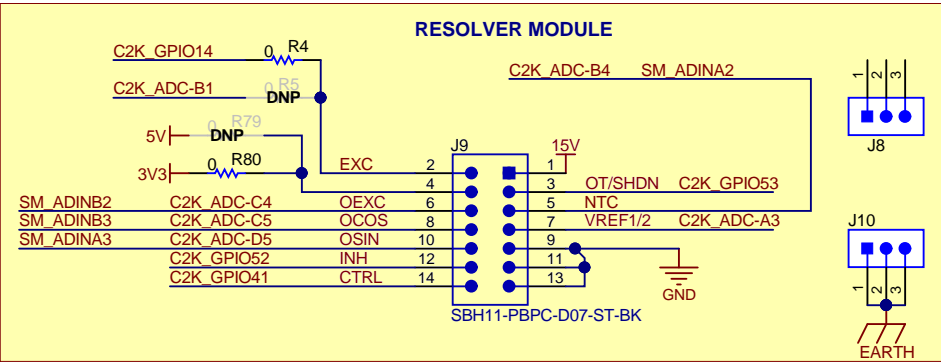
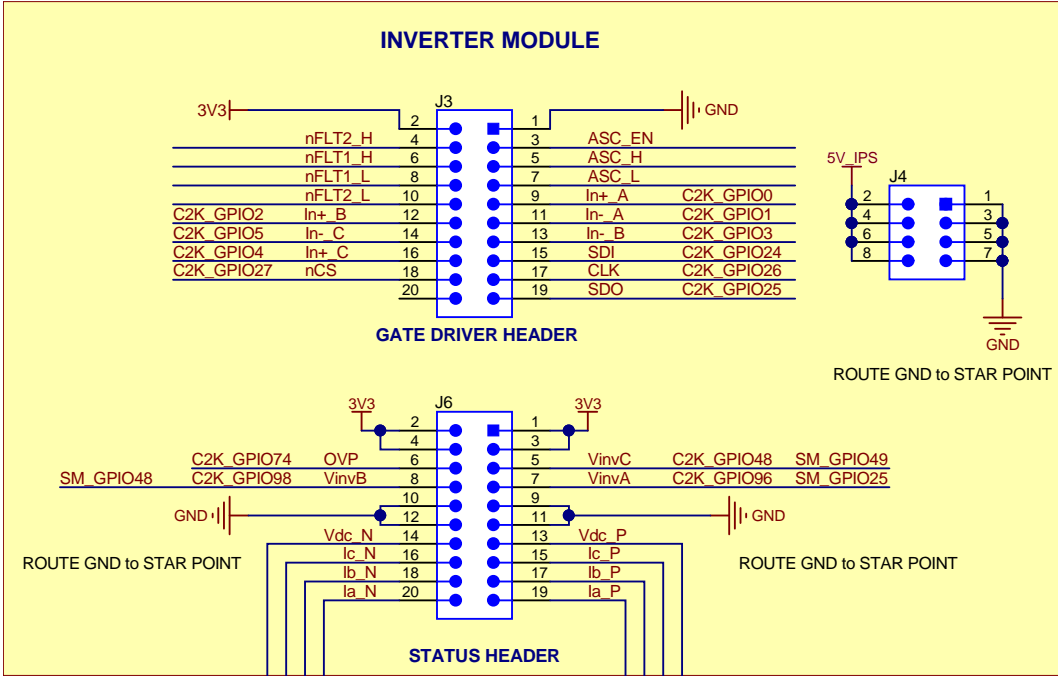
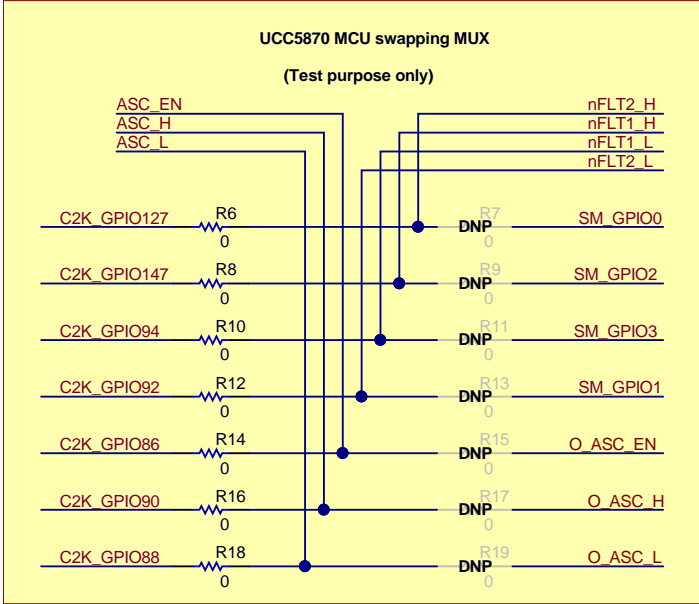
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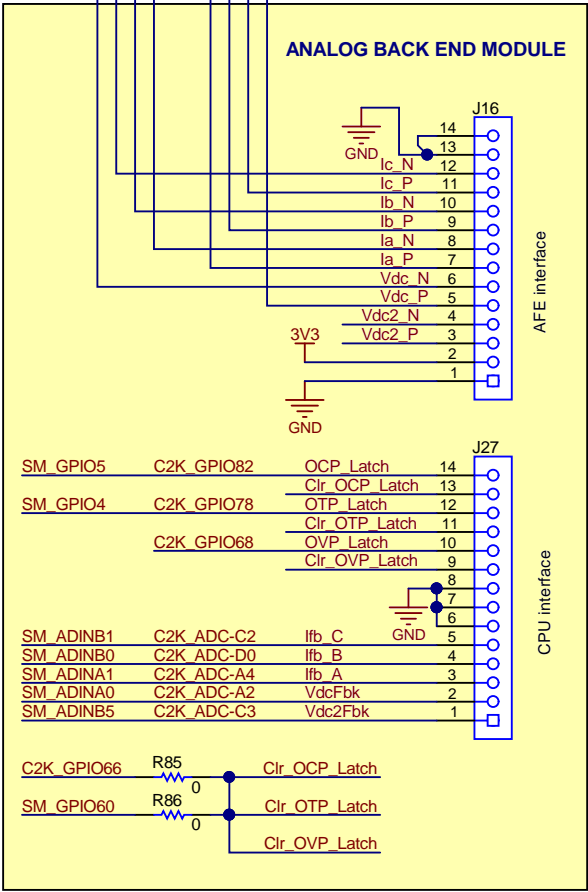
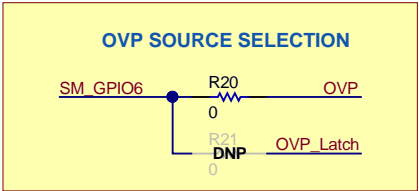
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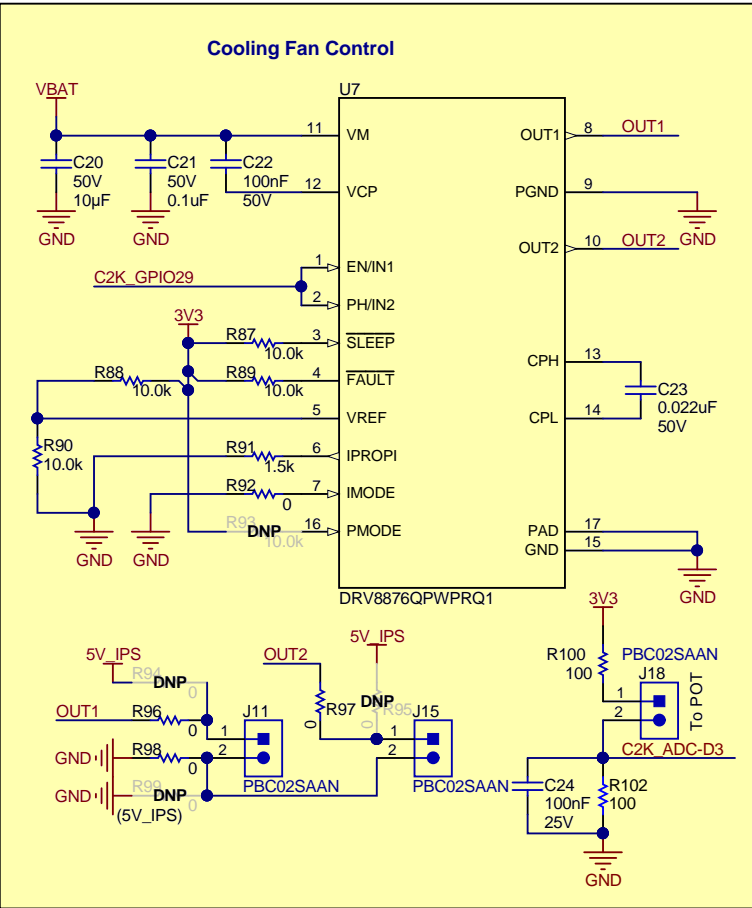
NOTE: -
ENDRV --> LOGIC 1 is GOOD
LOGIC 1 --> SELECT Y (SMCU SIGNALS)
LOGIC 0 --> SELECT X (DEFAULT SIGNALS)



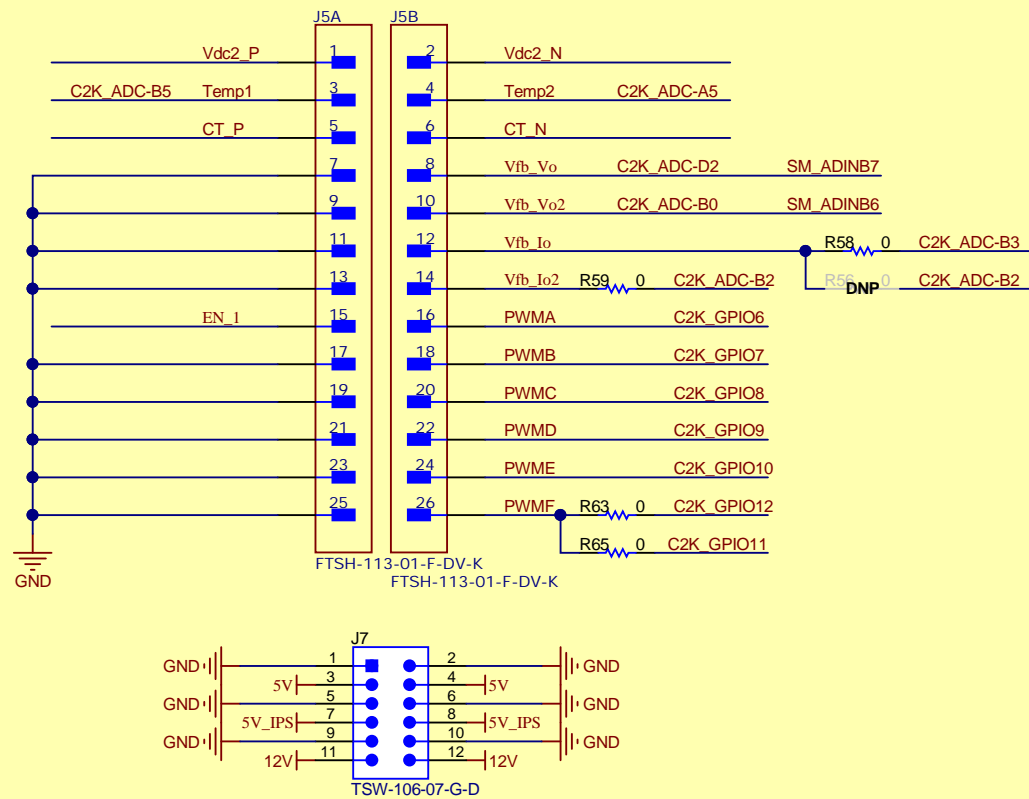
NOTE: -
Temp signal changed to Vdc2 from DC-DC unit as HS temp is not brought in.

NOTE: -
Vdc2Fbk signal is for DC-DC converter

NOTE: -
Fault latch clear routed to SMCU as a single source clear

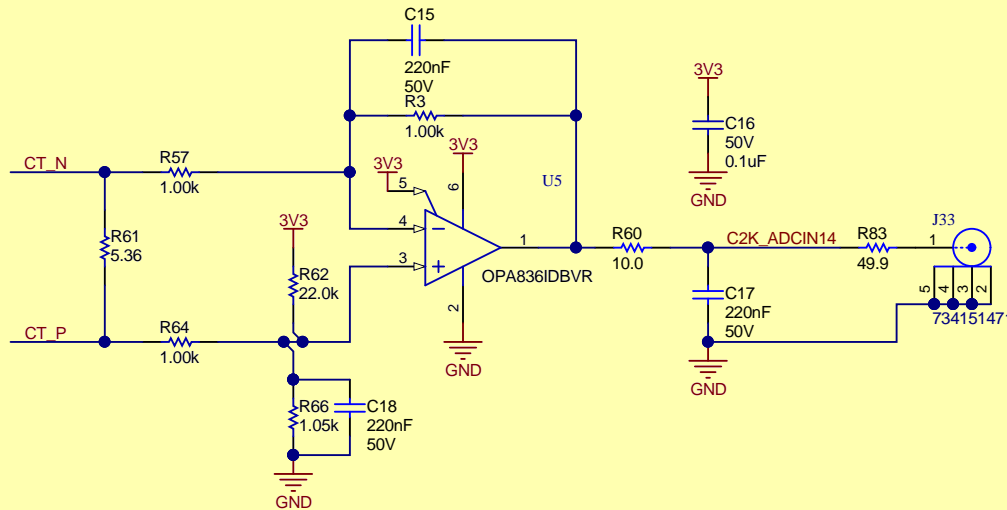


DC-DC CONVERTER HEADERS



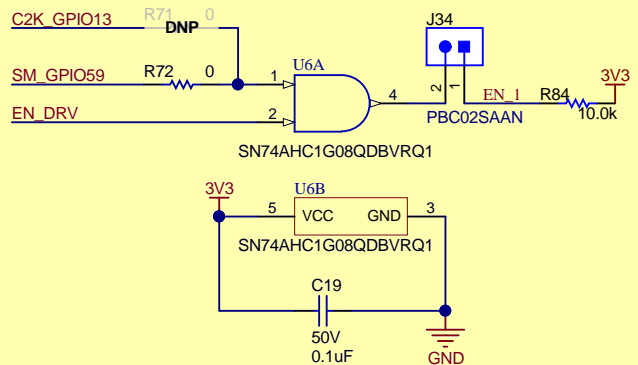
NOTE: -
Vo and Vo2 are fed into
ADC of SMCU

DC-DC SAFETY SHUTDOWN



NOTE:
Current sense from
CT_P / CT_N or co-axial
will be chosen based on
req such as noise, etc...

DC-DC SAFETY SHUTDOWN



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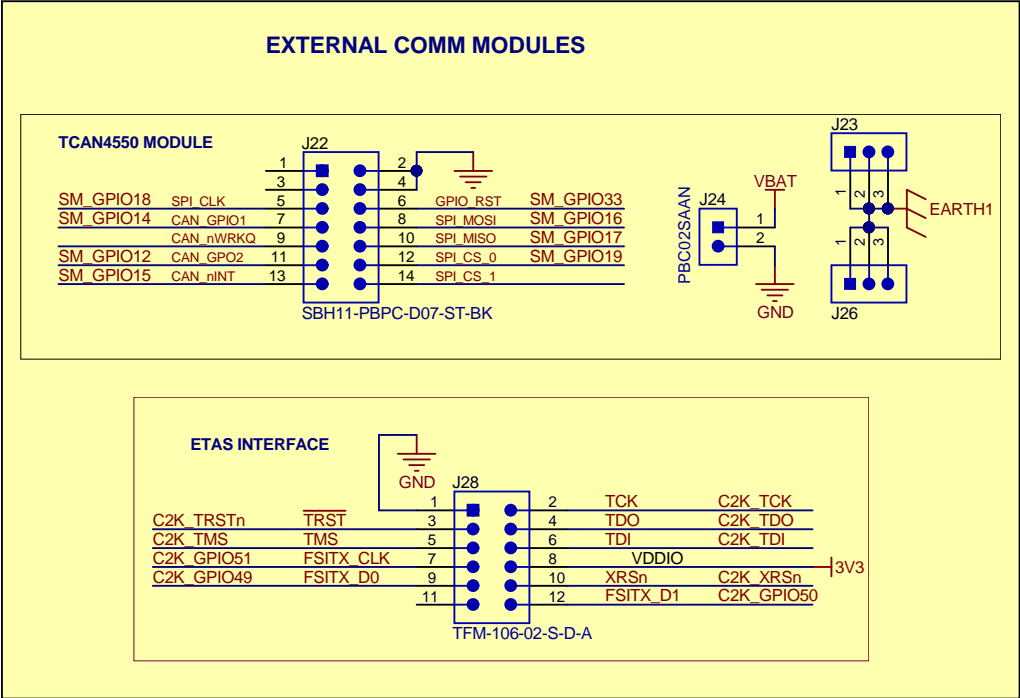
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NOTE:-
JTAG header is a subset of ETAS header
So JTAG header is removed.

