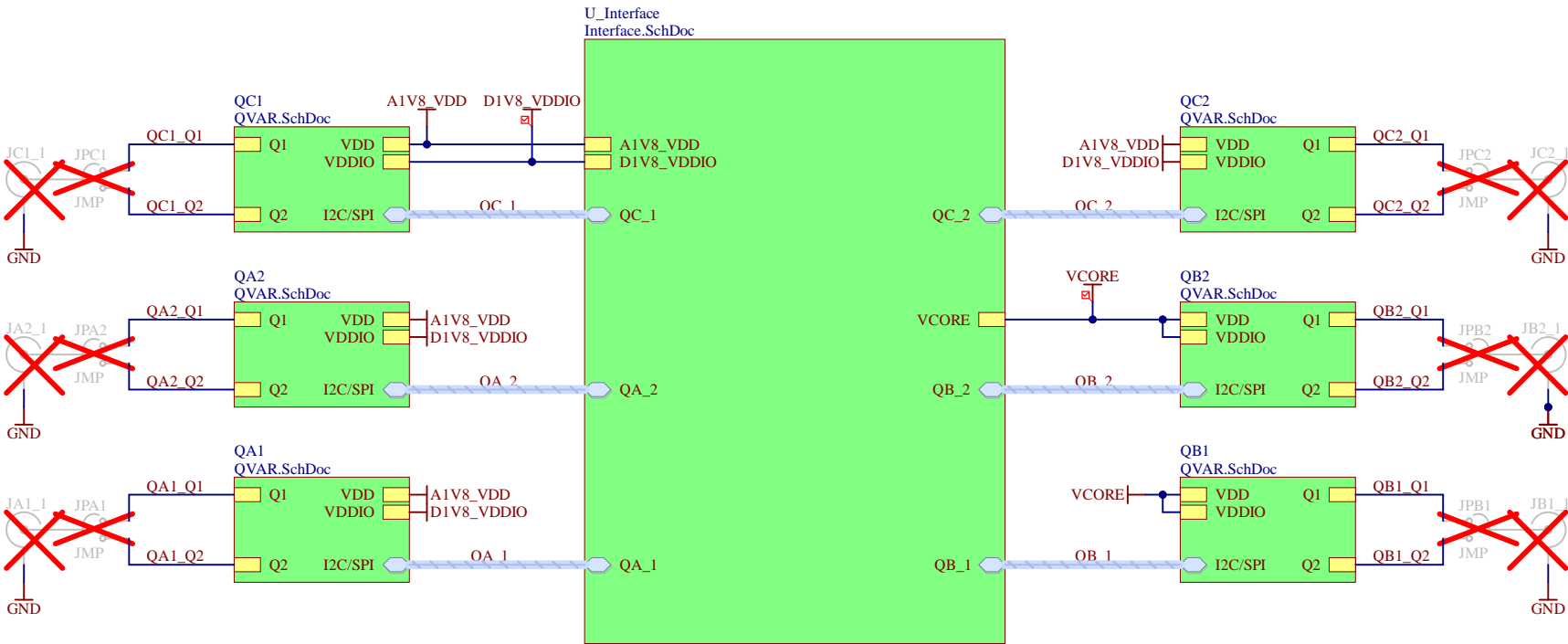
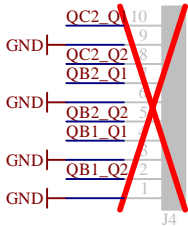
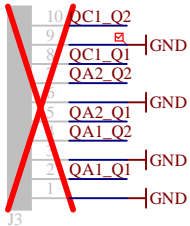


the 2 QVAR attached to I2CB have to be supplied by VCORE!



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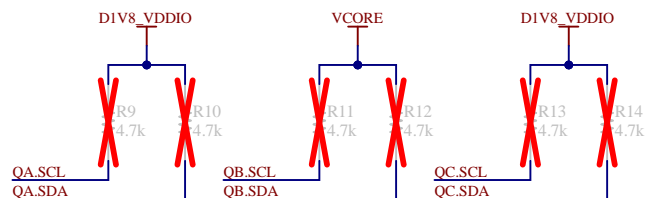
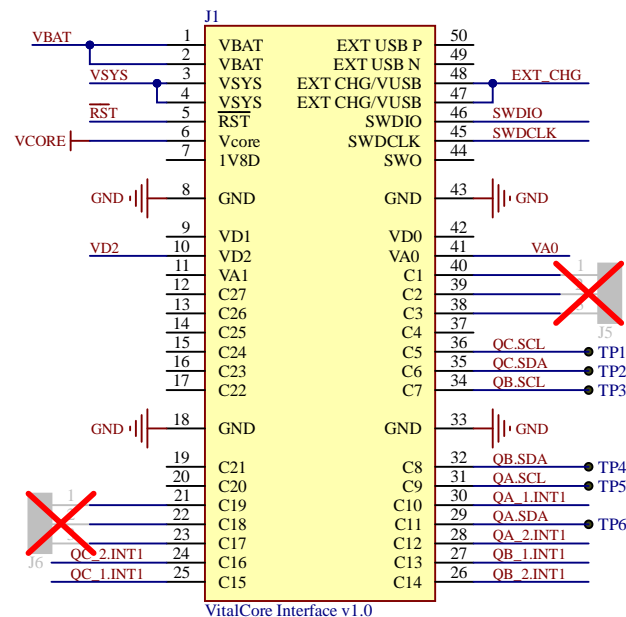
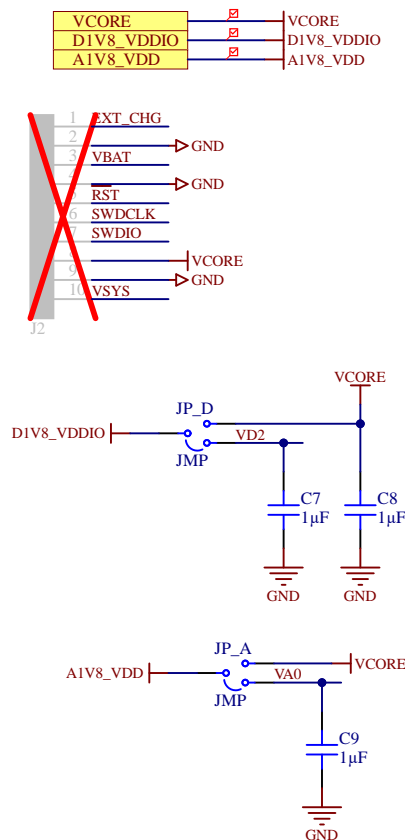
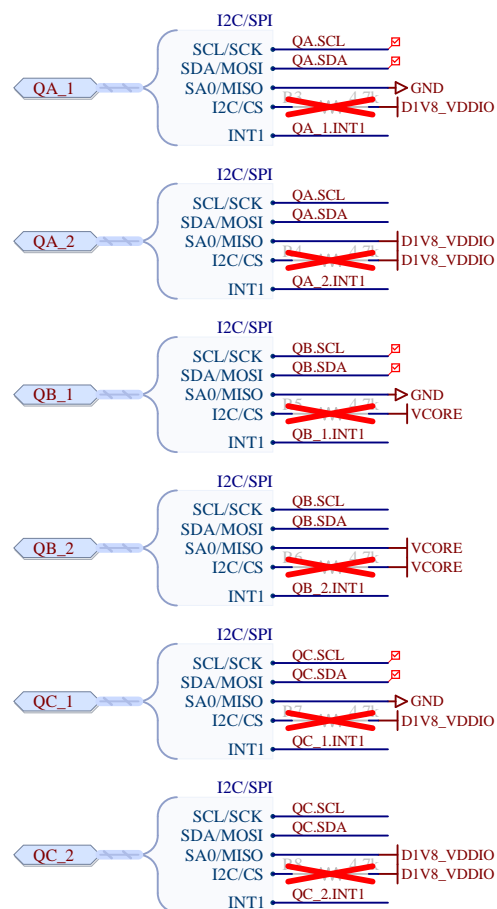
Laboratory: ETHZ D-ITET PBL
Date: 21/07/2025 14:03:23
Rev: 1.0
Variation: Fabrication
File: main.SchDoc

Project: Qvar 6 Channel Vitalcore Backpack
Main

Drawn By: villanif
Checked By: topononelli, nschae, peterste

the 2 QVAR attached to I2CB have to be supplied by VCORE, as the I2CB interface is used by the PMIC for configuration on the vitalcore

SWDIO and SWDCLK have to be connected externally in an ideal case. For emergency requirements a solderpad is supplied



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Variation: Fabrication

File: Interface.SchDoc

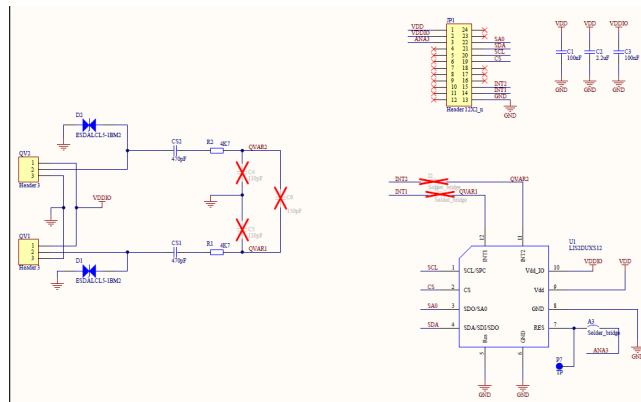
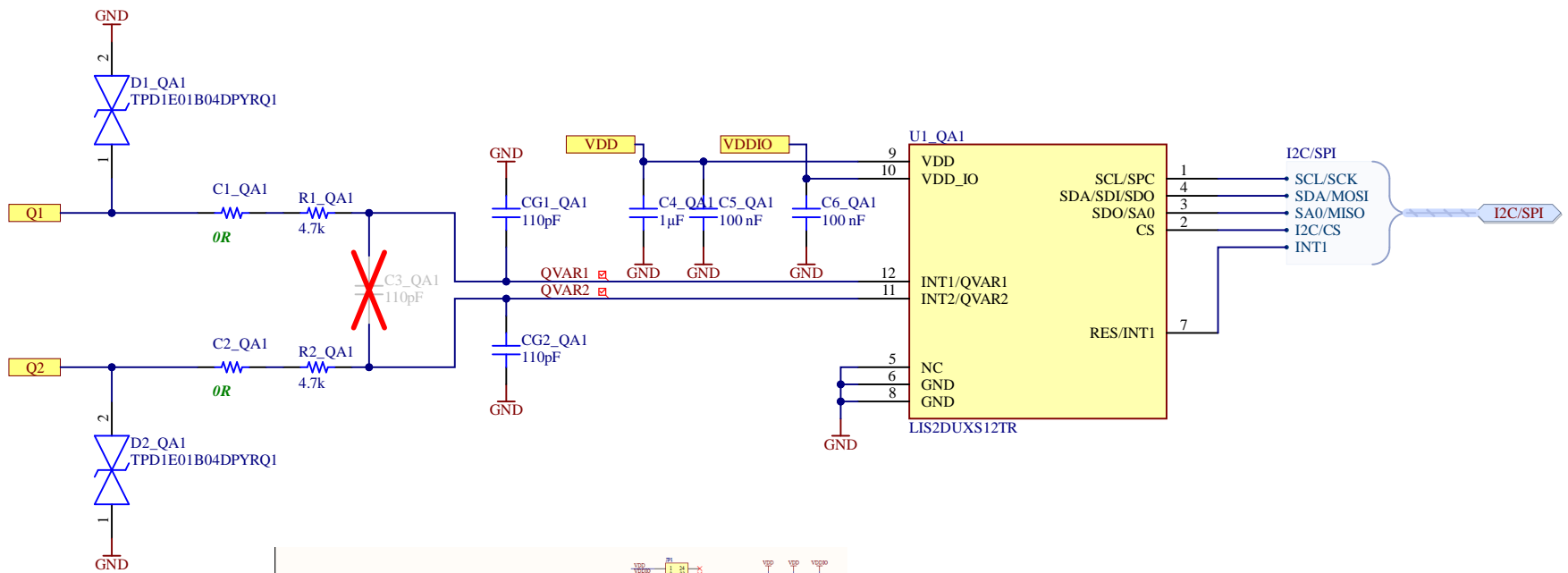
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VitalCore Interface

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Variation: Fabrication

File: QVAR.SchDoc

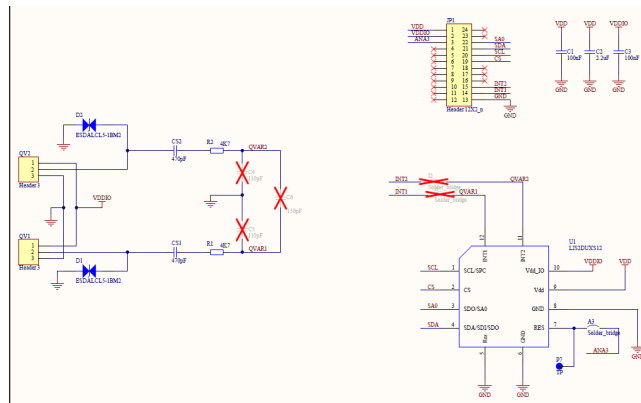
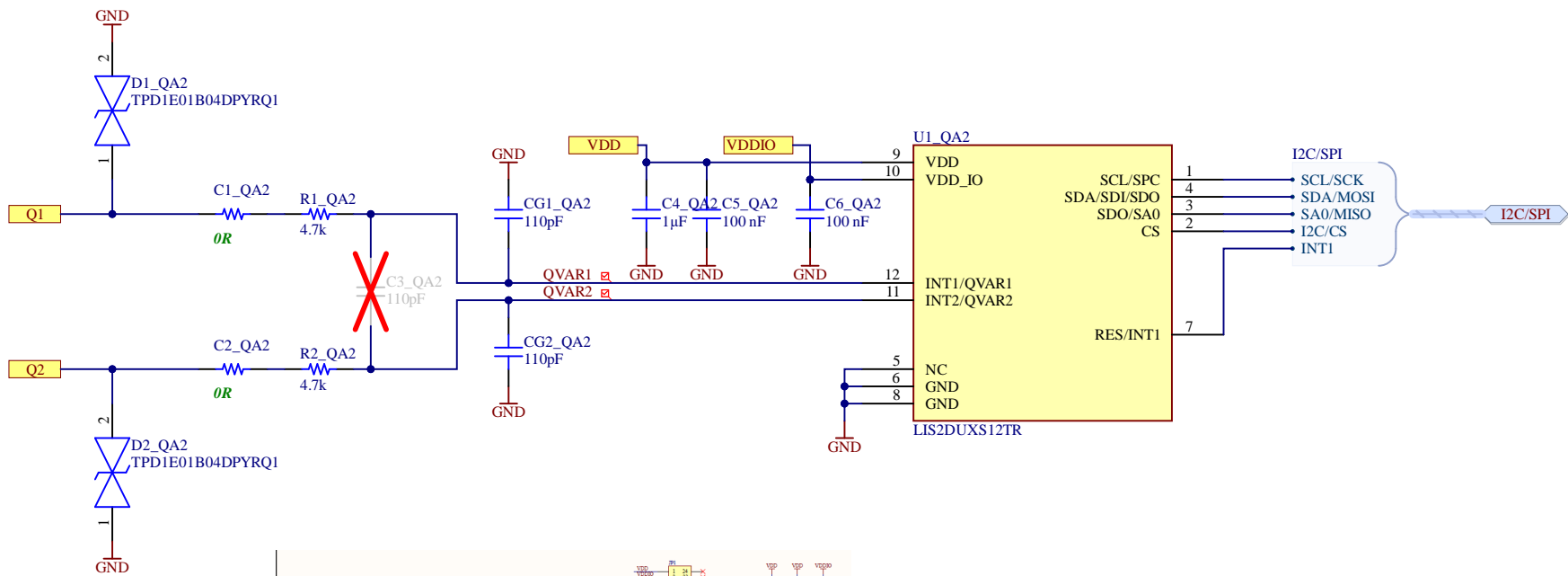
Project: Qvar 6 Channel Vitalcore Backpack

QVAR sensor

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Rev: 1.0

Variation: Fabrication

File: QVAR.SchDoc

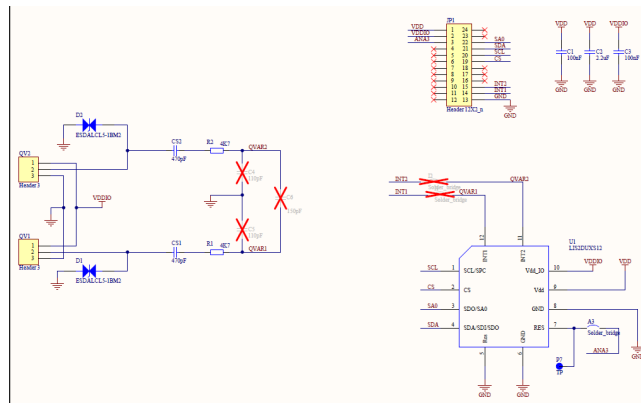
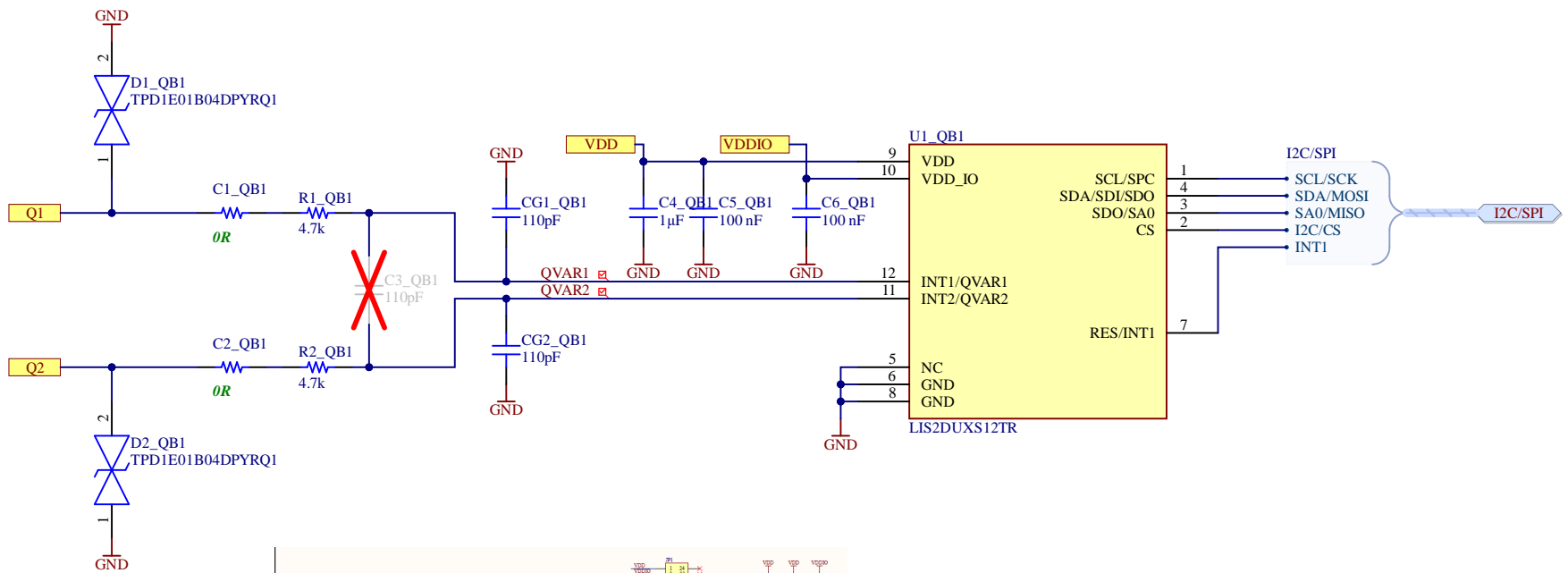
Project: Qvar 6 Channel Vitalcore Backpack

QVAR sensor

Drawn By: villanif

Checked By: topononelli, nschae, peterste

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Rev: 1.0

Variation: Fabrication

File: QVAR.SchDoc

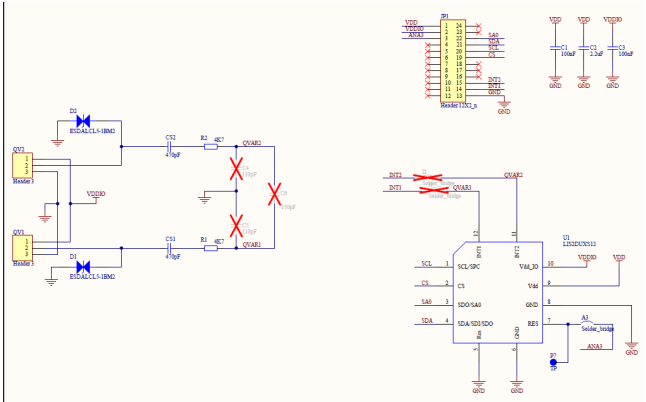
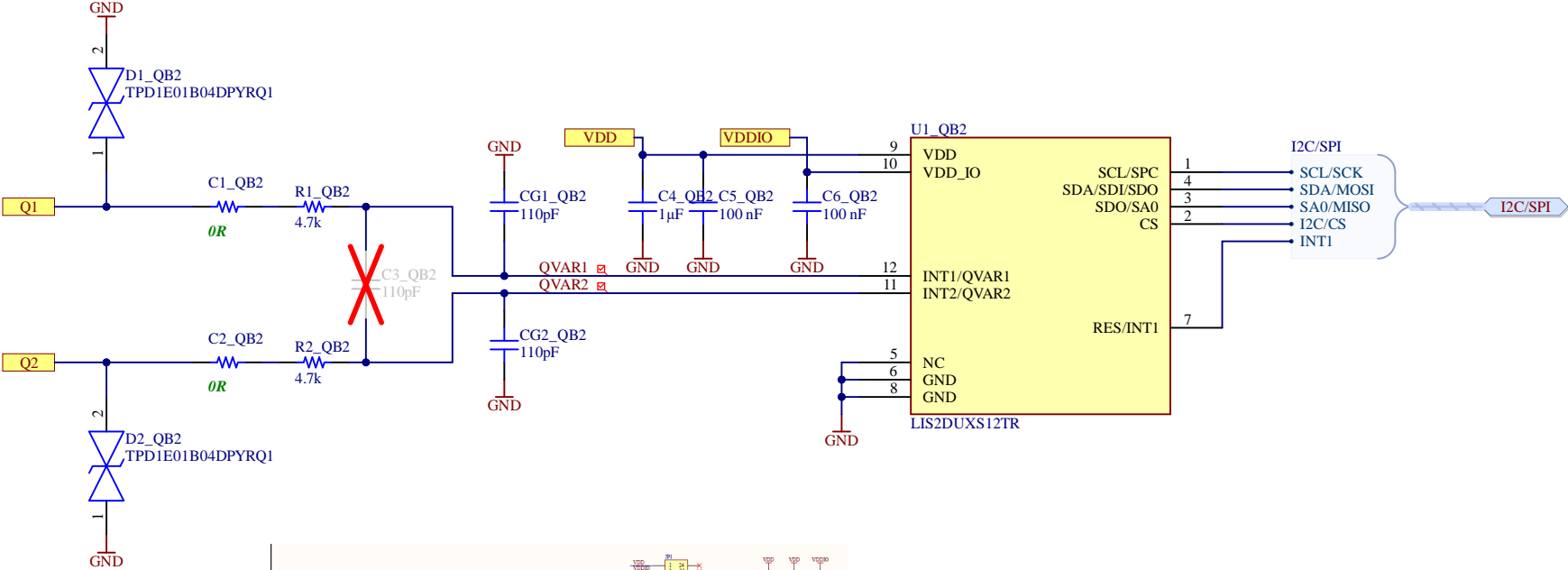
Project: Qvar 6 Channel Vitalcore Backpack

QVAR sensor

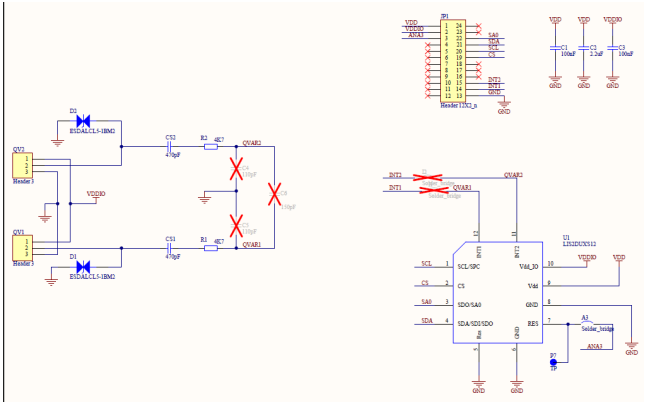
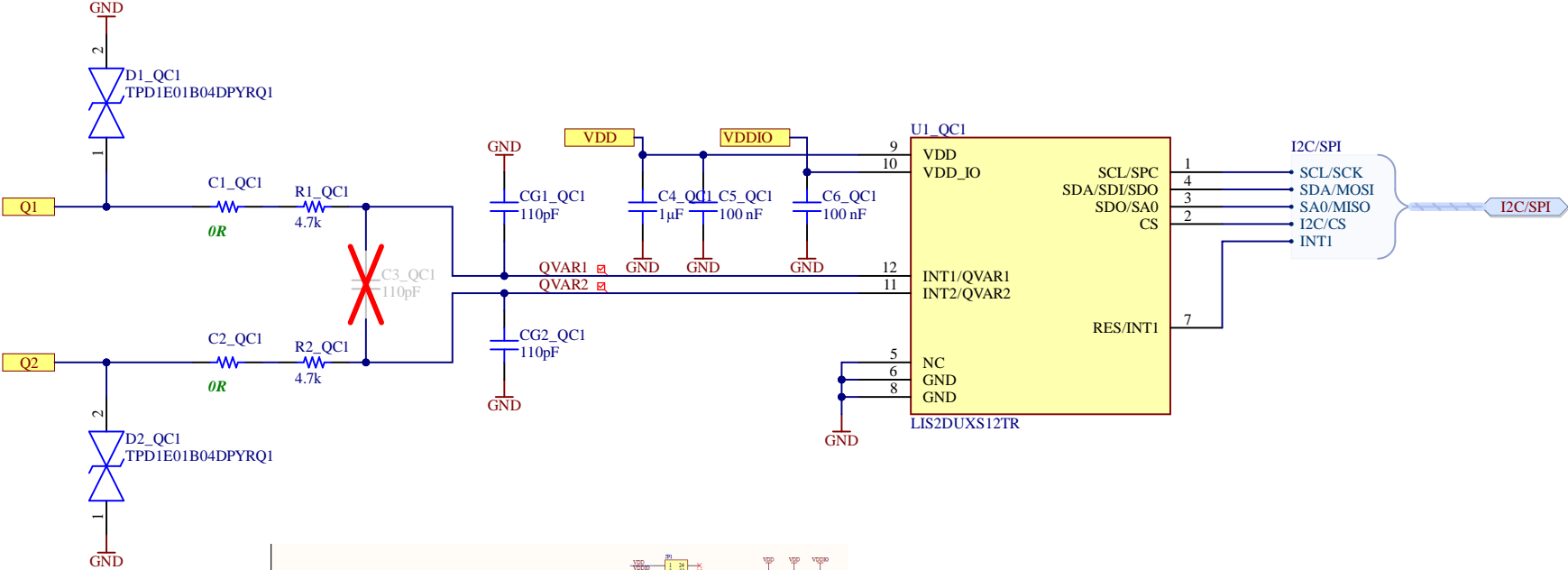
Drawn By: villanif

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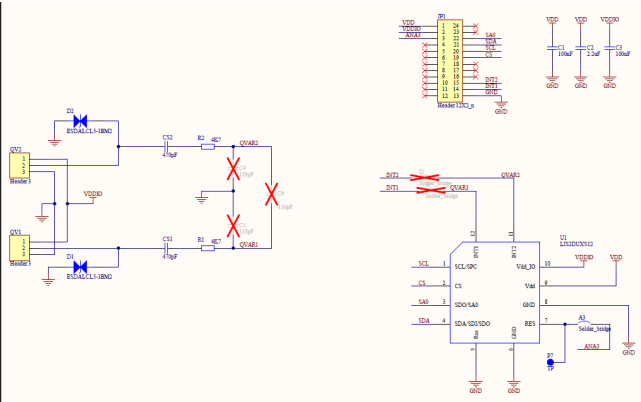
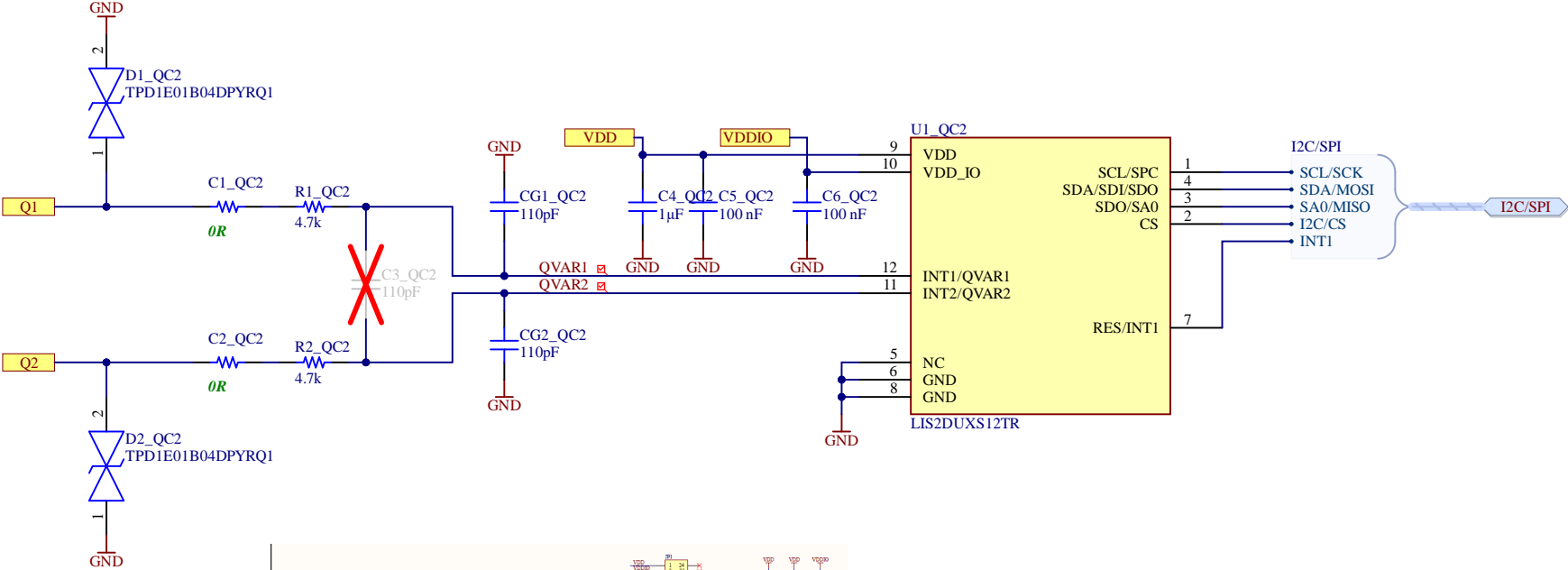
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	QVAR sensor
	Drawn By: villanif
	Checked By: topononelli, nschae, peterste
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	QVAR sensor	
	Laboratory: ETHZ D-ITET PBL, IIS	
Date: 21/07/2025 14:03:24		Drawn By: villanif
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Project: Qvar 6 Channel Vitalcore Backpack

QVAR sensor

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