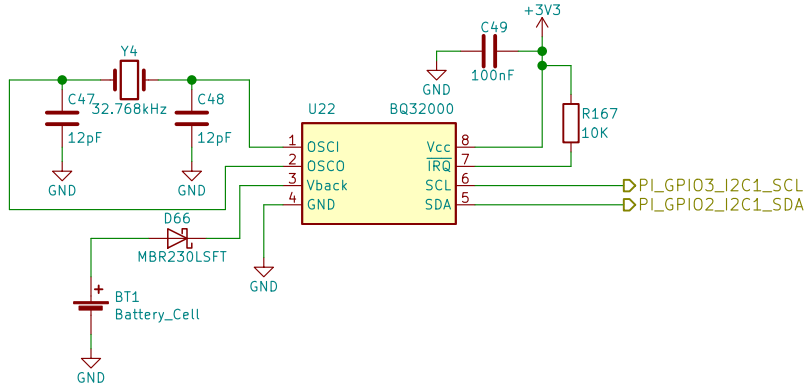
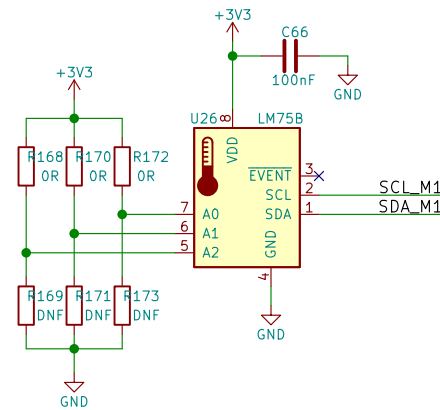




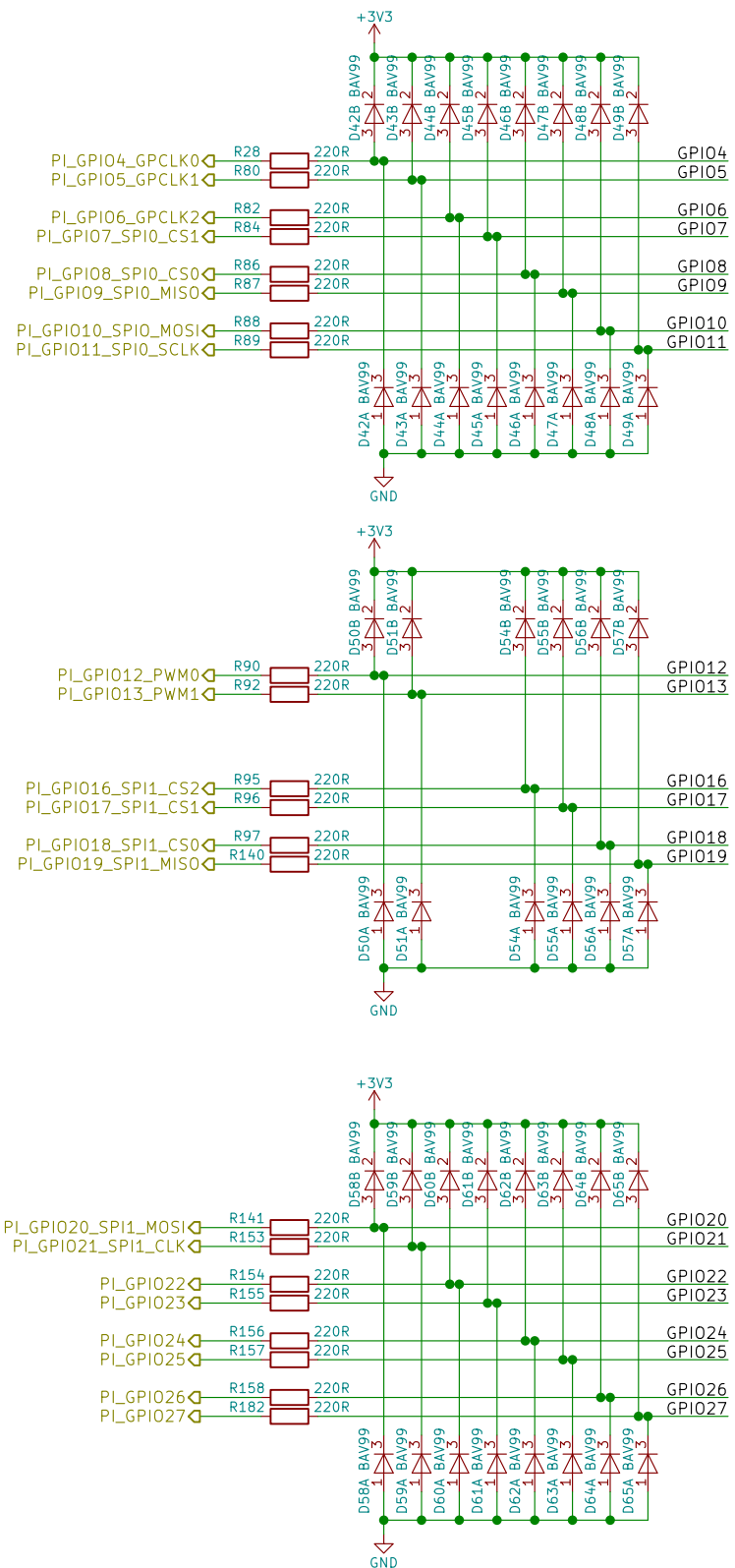
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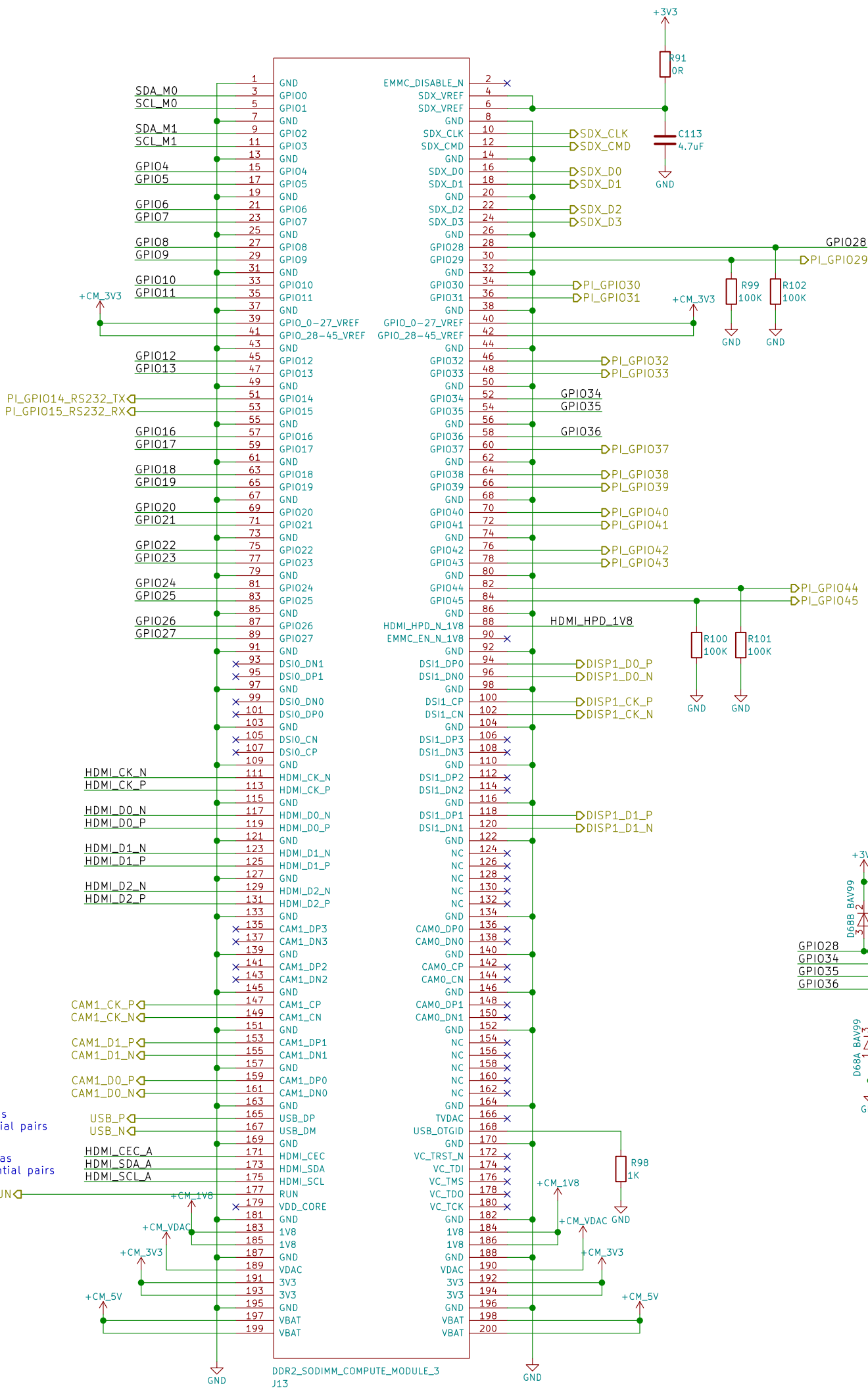
Onboard Temperature Monitor



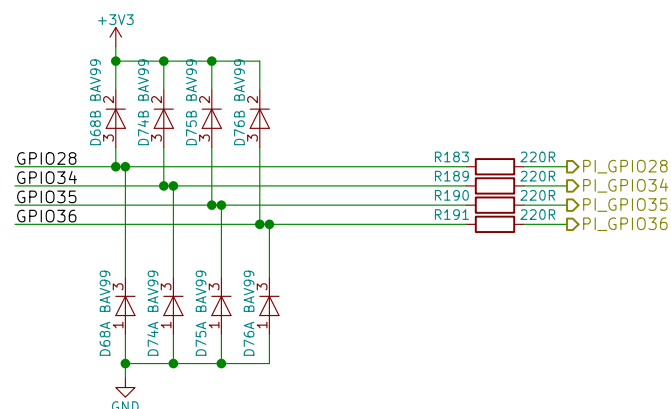
I/O Protection



Raspberry Pi 3 Compute Module S0-DIMM

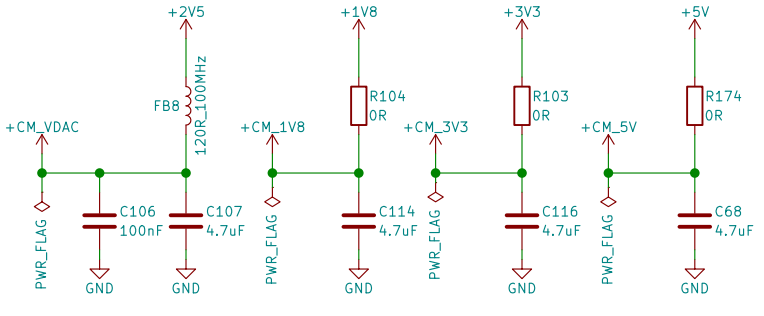
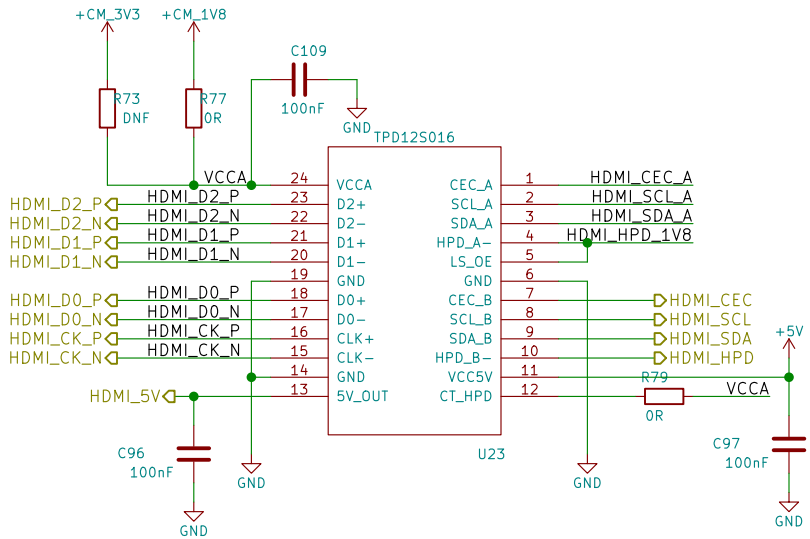


I/O Protection



*USB Signals to be tracked as matched length 90R differential pairs

*HDMI Signals to be tracked as matched length 100R differential pairs



Part No: 304-001

DevTank Ltd

Sheet: /Processor/

File: Processor.sch

Title: HILTOP Motherboard

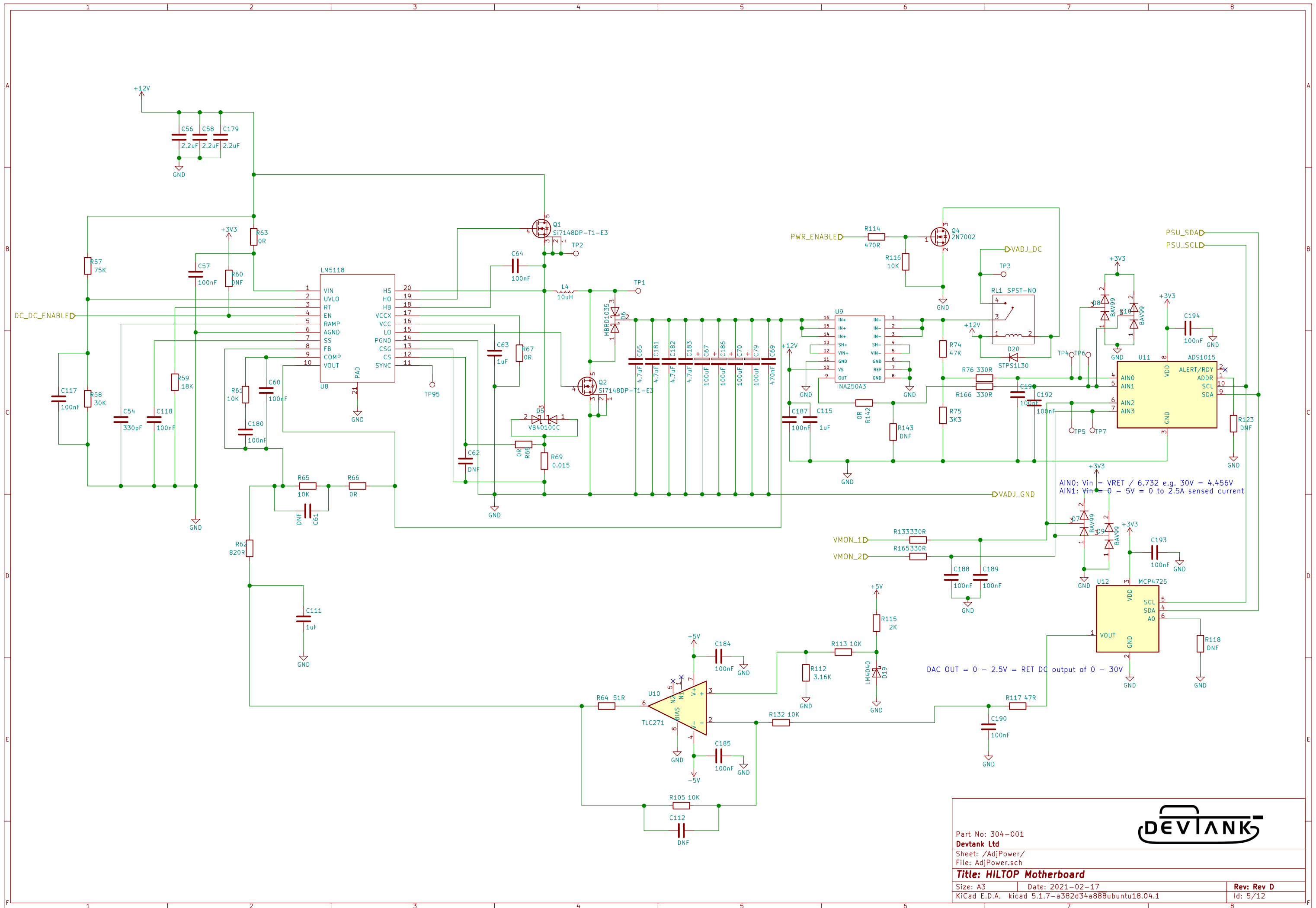
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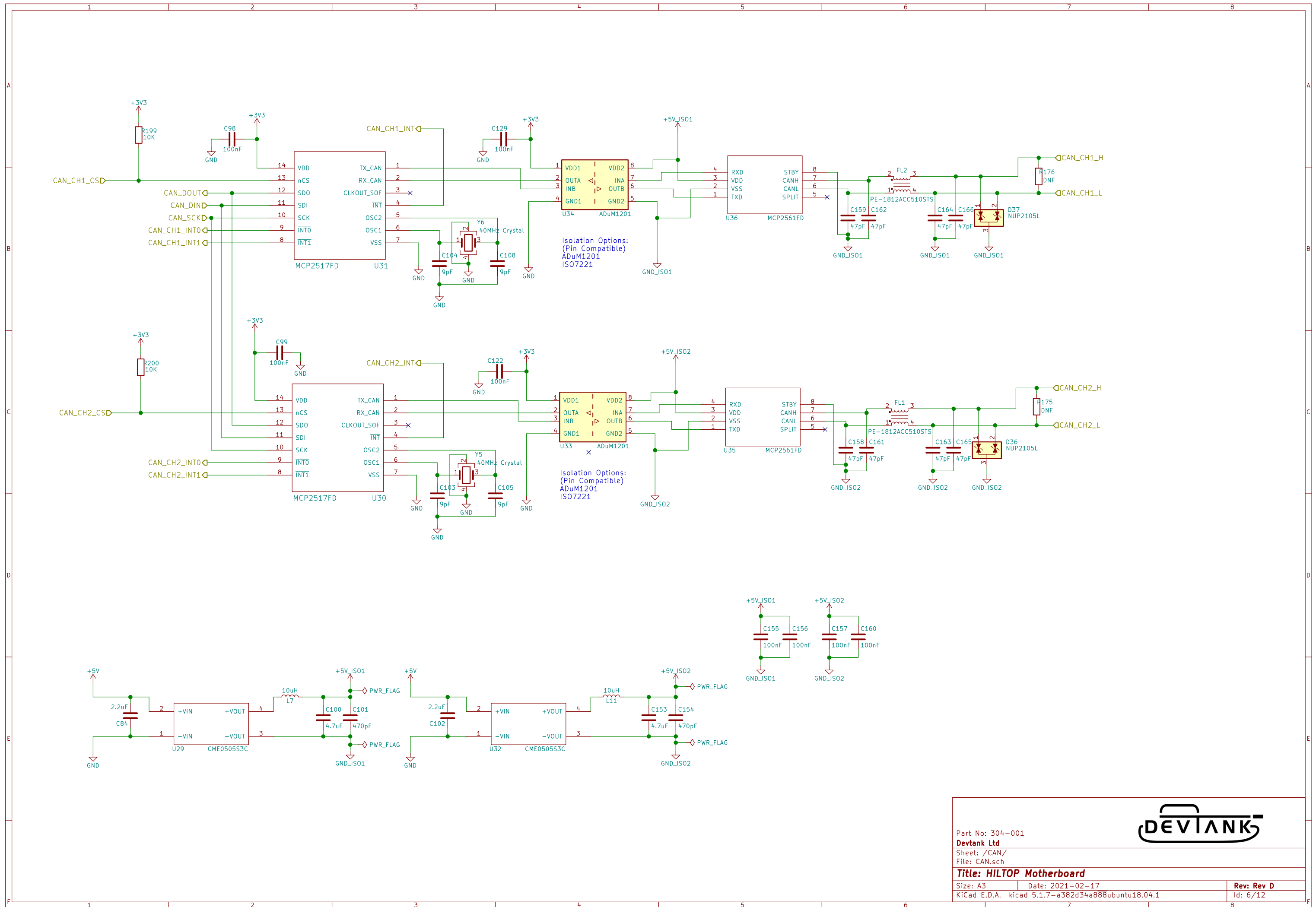
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Rev: Rev D

Id: 4/12







Part No: 304-001

Devtank Ltd

Sheet: /CAN/

File: CAN.sch

Title: HILTOP Motherboard

Size: A3

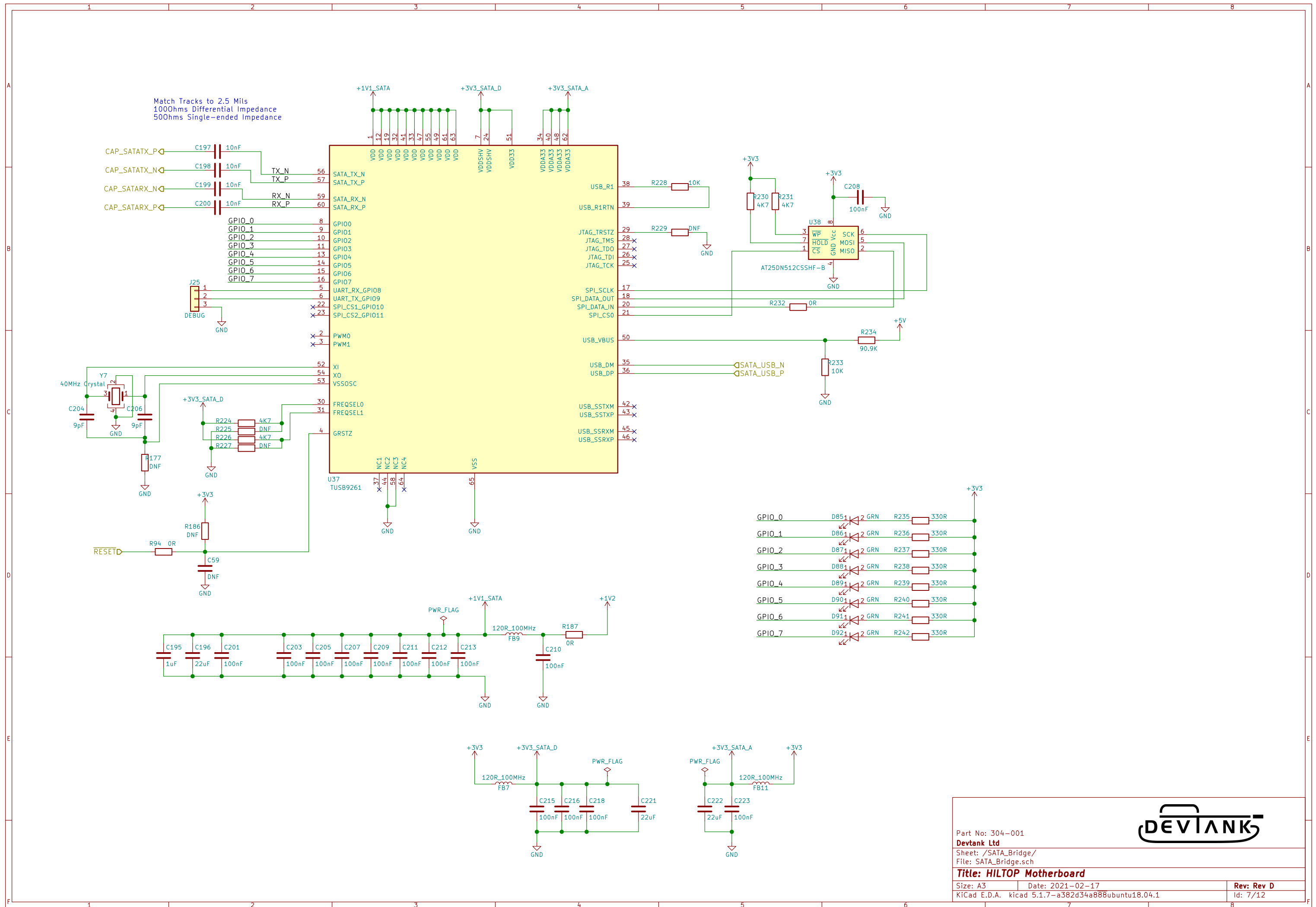
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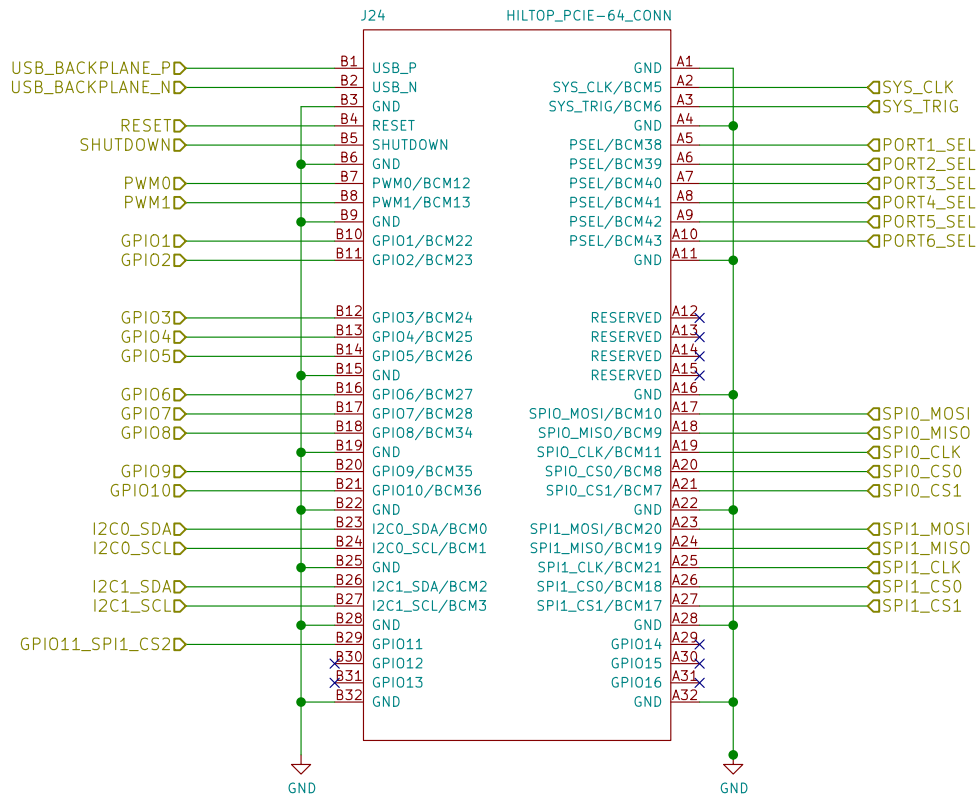
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Id: 6/12







Part No: 304-001

Devtank Ltd

Sheet: /BackPlane/

File: BackPlane.sch

Title: HILTOP Motherboard

Size: A4

Date: 2021-02-17

KiCad E.D.A. kicad 5.1.7-a382d34a888ubuntu18.04.1

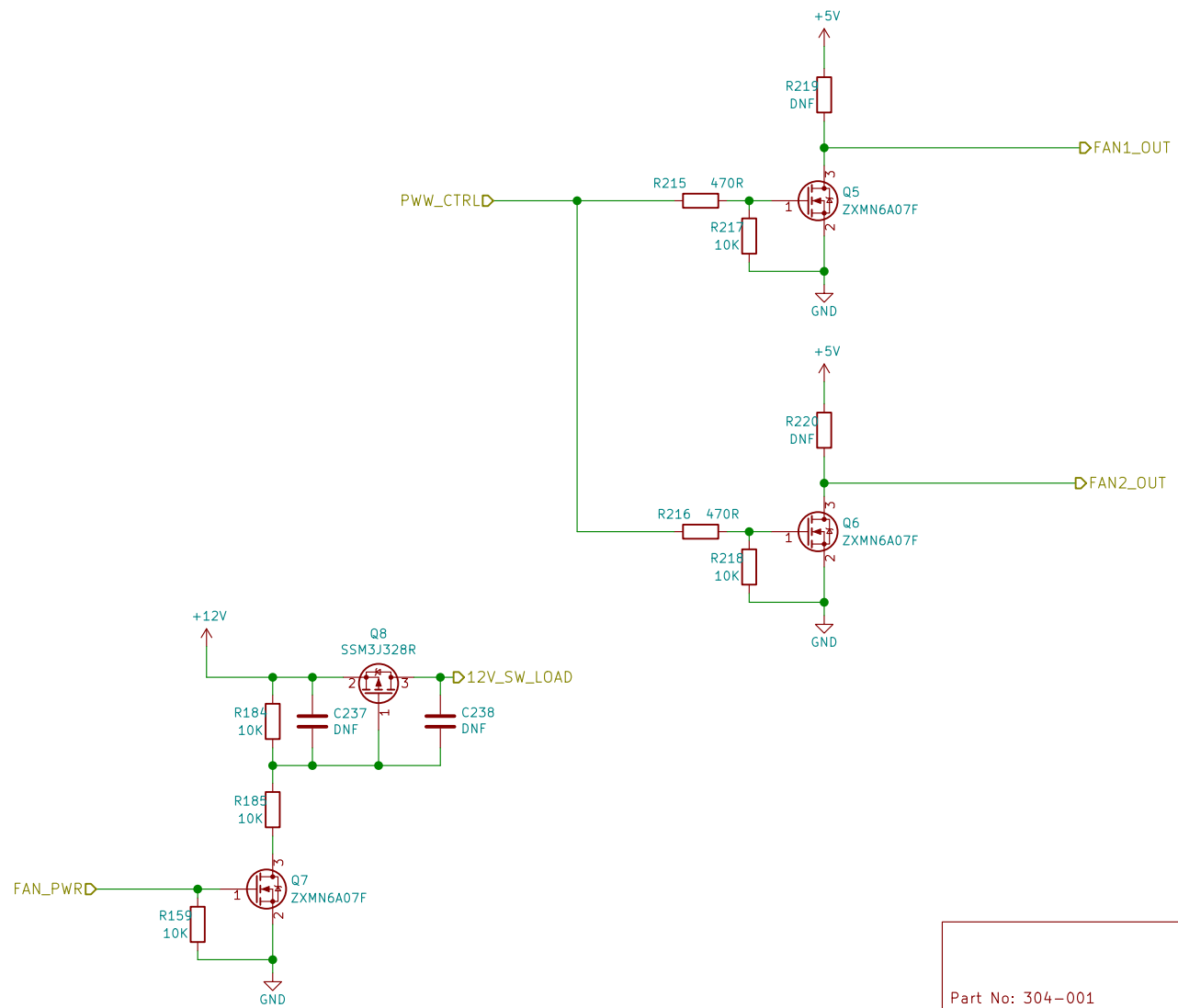
Rev: Rev D

Id: 8/12





Id: 9/12



Part No: 304-001

Devtank Ltd

Sheet: /PWM_Fans/

File: PWM_Fans.sch

Title: HILTOP Motherboard

Size: A4

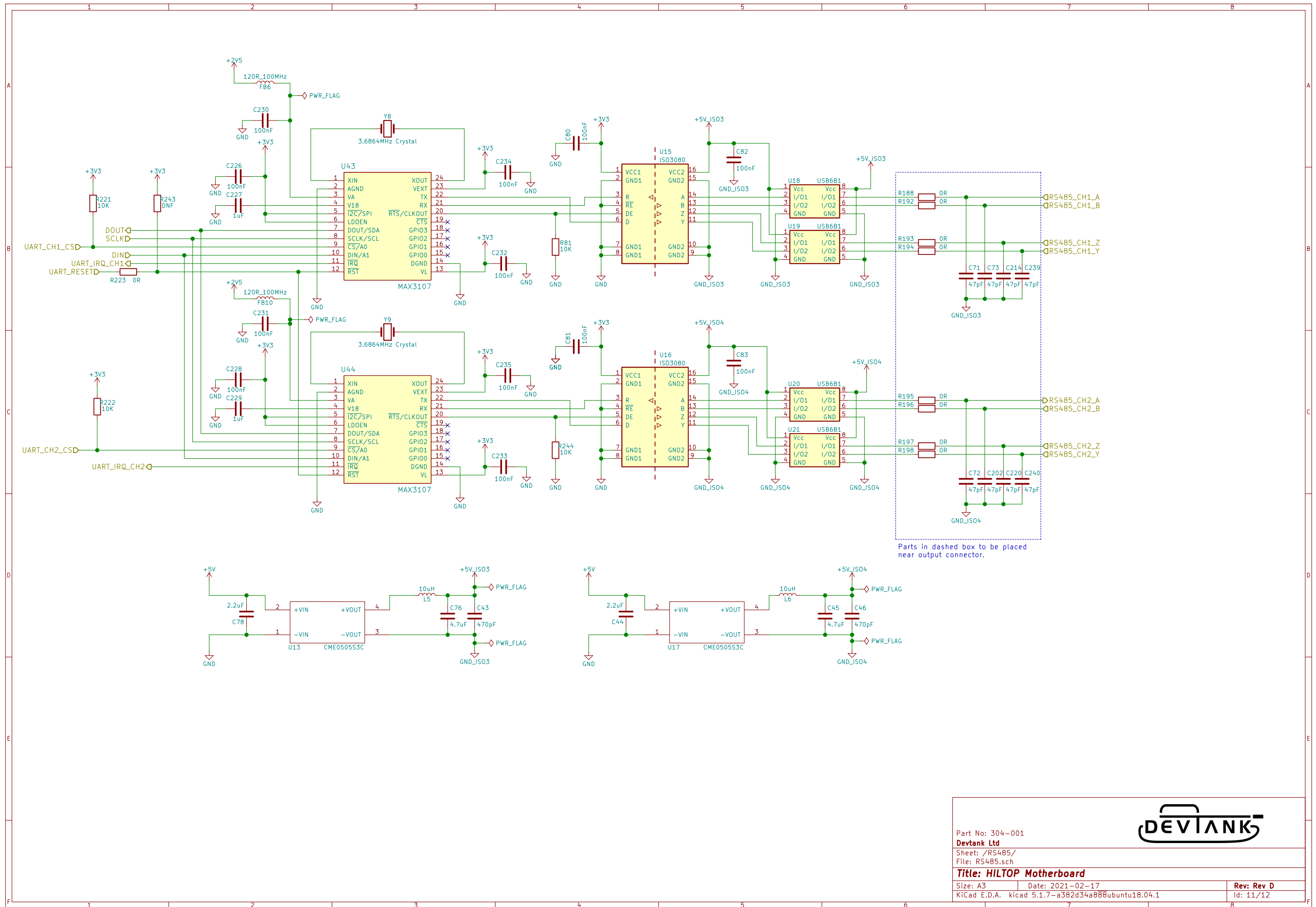
Date: 2021-02-17

Rev: Rev D

KiCad E.D.A. kicad 5.1.7-a382d34a888ubuntu18.04.1

Id: 10/12





Part No: 304-001

Devtank Ltd

Sheet: /RS485/

File: RS485.sch

Title: HILTOP Motherboard

Size: A3

Date: 2021-02-17

Rev: Rev D

KiCad E.D.A. kicad 5.1.7-a382d34a888ubuntu18.04.1

Id: 11/12



