

<https://power.murata.com/data/power/d1u86-d-1600-12-hxxdc.pdf>

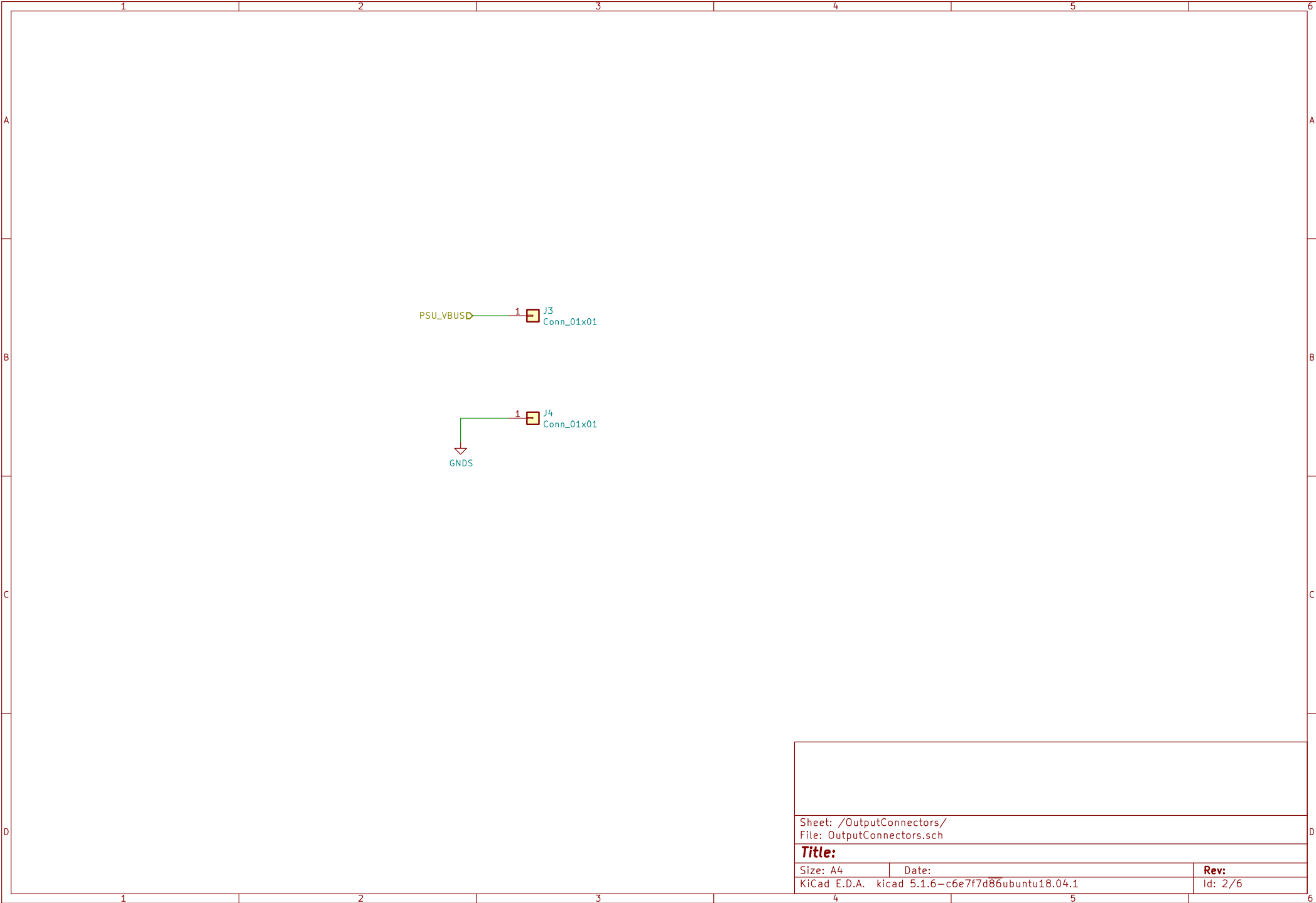
Sheet: /
File: ServerPSU_Breakout.sch

Title:

Size: A4
KiCad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1

Date: 2020-06-30

Rev: C
Id: 1/6



Sheet: /OutputConnectors/
File: OutputConnectors.sch

Title:

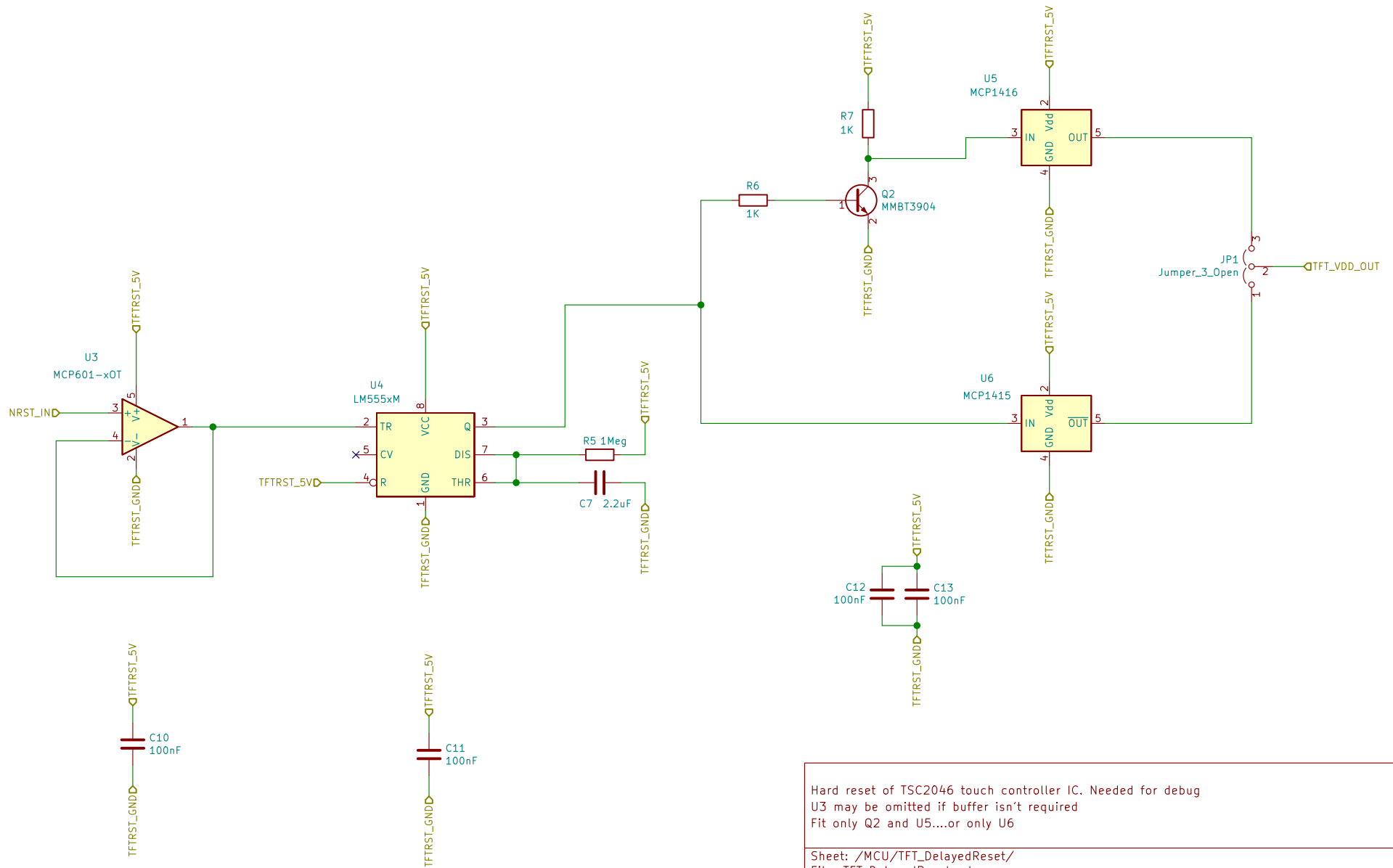
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Rev:

Id: 2/6



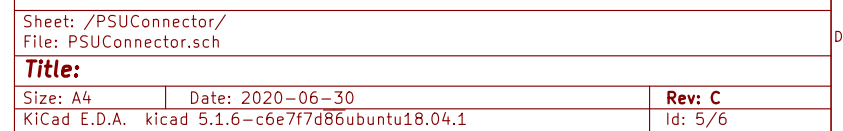
Hard reset of TSC2046 touch controller IC. Needed for debug
 U3 may be omitted if buffer isn't required
 Fit only Q2 and U5....or only U6

Sheet: /MCU/TFT_DelayedReset/
 File: TFT_DelayedReset.sch

Title: TFT Delayed Reset

Size: A4 Date: Kicad E.D.A. kicad 5.1.6-c6e7f7d86ubuntu18.04.1

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PSU ENABLE REQUIRES TWO CONDITIONS:
1. PULLUP PRESENT PIN: TELL PSU IT IS INSERTED INTO ACTIVE SERVER
2. GND ENABLE PIN

PSU_PRESENT

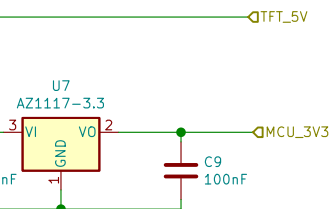
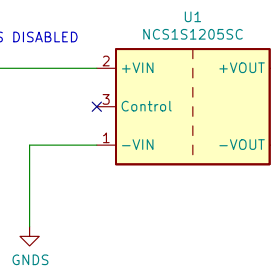
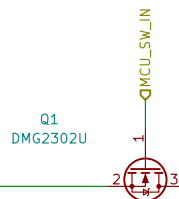
1. To "enable" the Main 12Vdc output
the PRESENT signal requires to be pulled "high"
with respect GND.

PSU_OND

2. The PS_ON signal can be permanently
connected to GND to "enable" the Main 12Vdc output

12VSB PIN CAN PROVIDE 2.5A WHILE PSU IS DISABLED

PSU_12VSB
PWR_FLAG



Sheet: /HighVoltageControl/
File: HighVoltageControl.sch

Title:

Size: A4

Date:

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Rev:

Id: 6/6