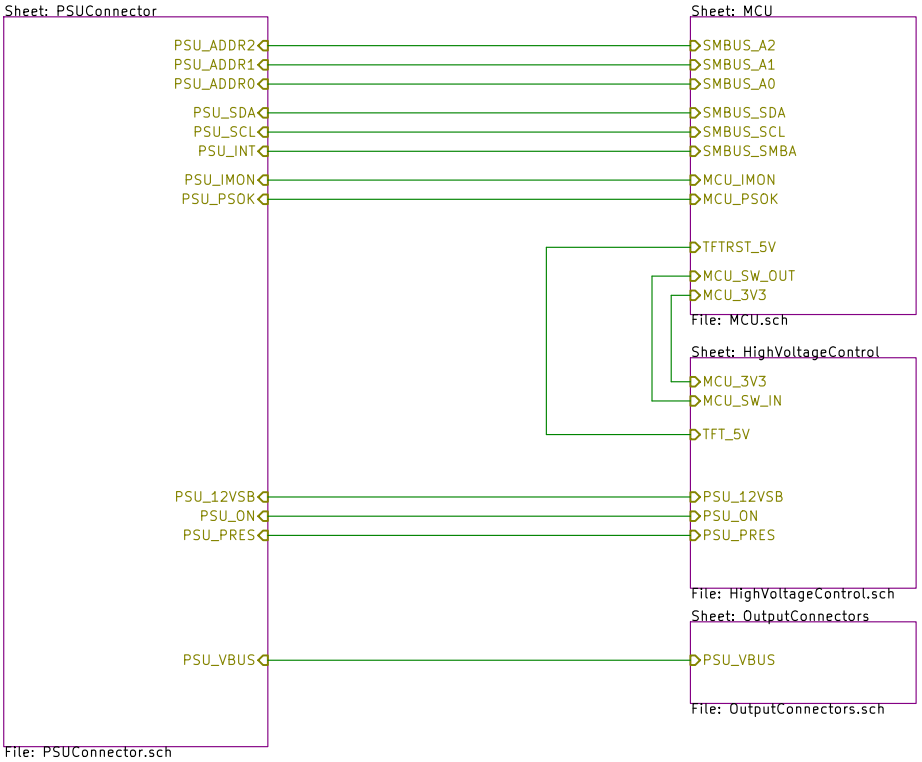
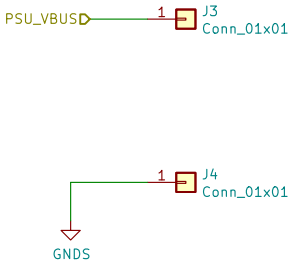


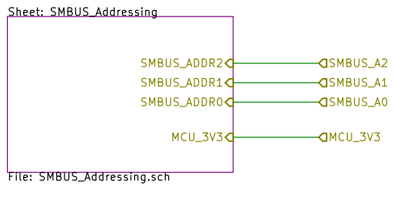
Sheet: / File: ServerPSU_Breakout.sch		
Title: Common Slot PSU Touchscreen controller		
Size: A4	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 1/7

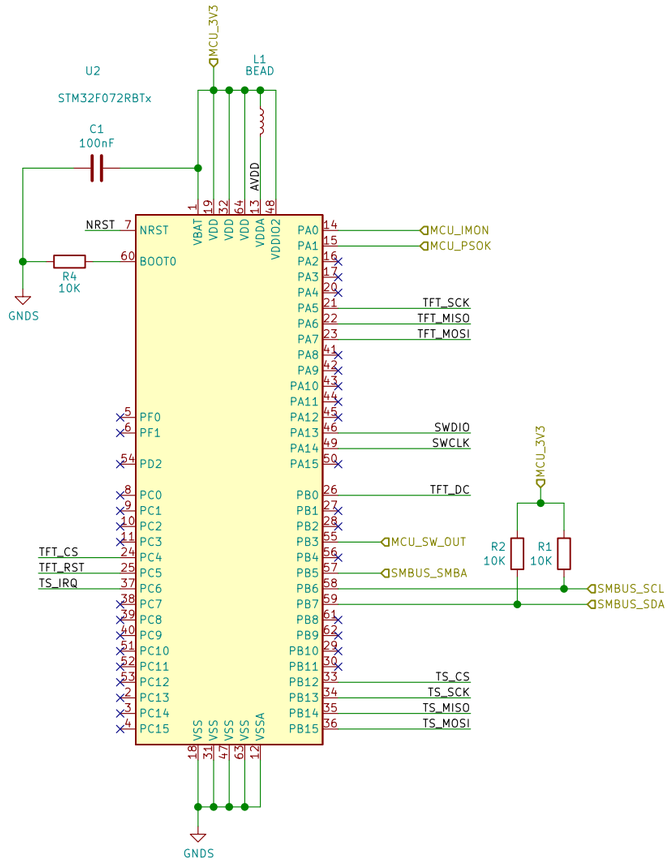


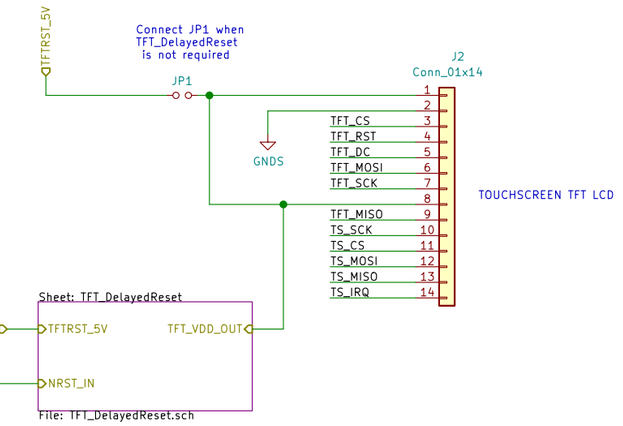
Sheet: /OutputConnectors/
File: OutputConnectors.sch

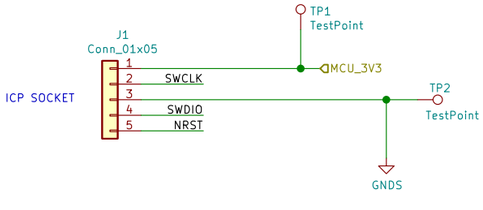
Title: High current output connctors

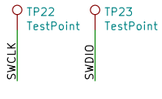
Size: A4	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 2/7

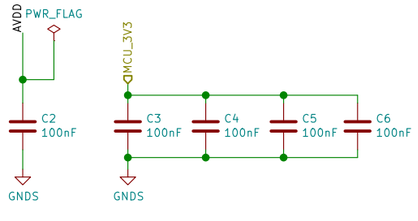




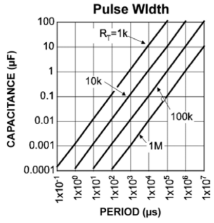


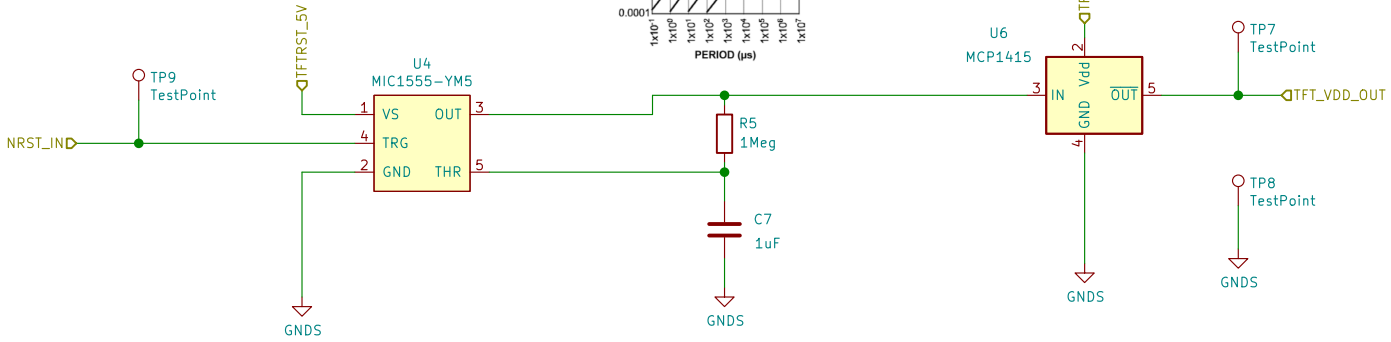


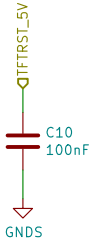


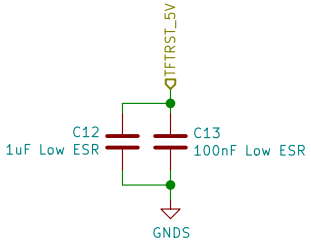


Sheet: /MCU/		
File: MCU.sch		
Title: Microcontroller		
Size: A3	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 3/7







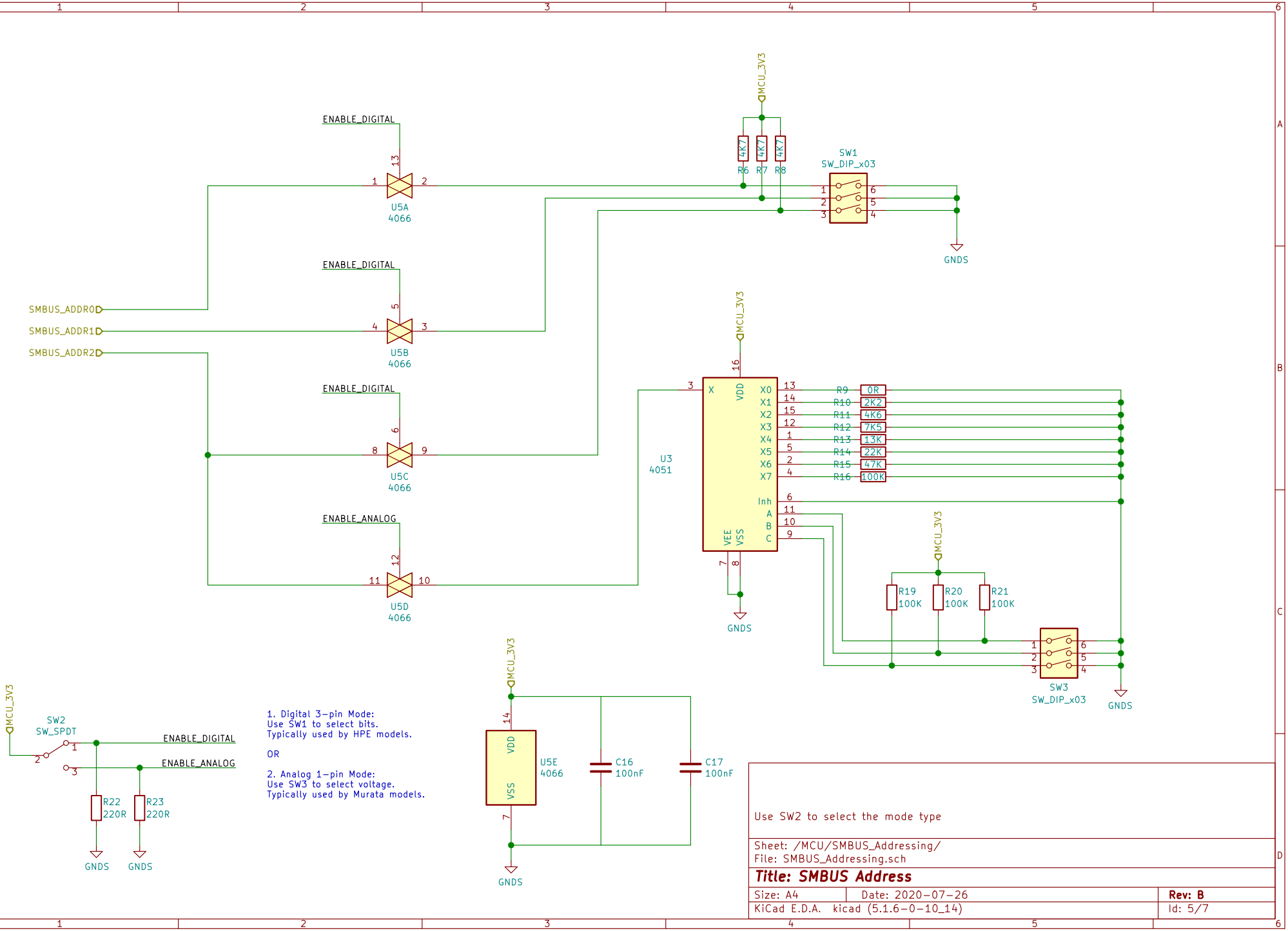


Hard reset of TSC2046 touch controller IC. Needed for debug
U3 may be omitted if buffer isn't required
Fit only Q2 and U5....or only U6

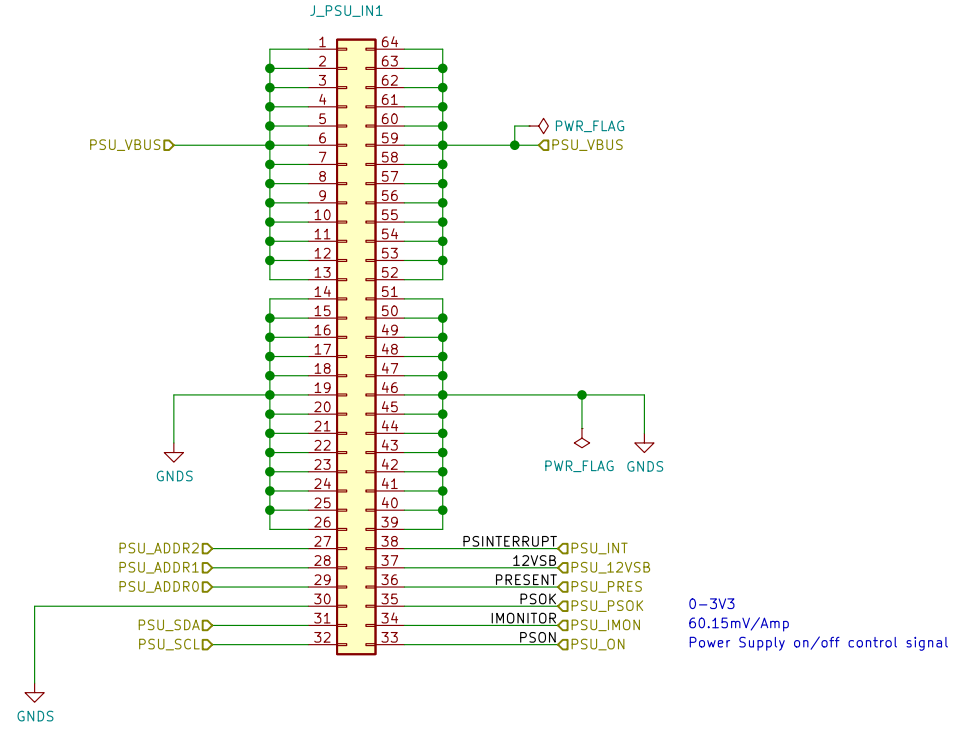
Sheet: /MCU/TFT_DelayedReset/
File: TFT_DelayedReset.sch

Title: TFT Delayed Reset

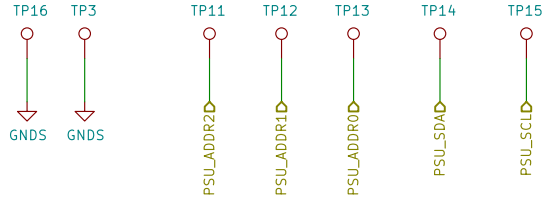
Size: A4	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 4/7


ENABLE_DIGITAL
U5A
4066
ENABLE_DIGITAL
U5B
4066
ENABLE_DIGITAL
U5C
4066
ENABLE_ANALOG
U5D
4066
SMBUS_ADDR0
SMBUS_ADDR1
SMBUS_ADDR2
MCU_3V3
R6 4K7
R7 4K7
R8 4K7
SW1
SW_DIP_x03
GNDS
U3
4051
X0
X1
X2
X3
X4
X5
X6
X7
Inh
A
B
C
VDD
VEE
VSS
R9 0R
R10 2K2
R11 4K6
R12 7K5
R13 13K
R14 22K
R15 47K
R16 100K
R19 100K
R20 100K
R21 100K
SW3
SW_DIP_x03
SW2
SW_SPDT
ENABLE_DIGITAL
ENABLE_ANALOG
R22 220R
R23 220R
1. Digital 3-pin Mode:
Use SW1 to select bits.
Typically used by HPE models.
OR
2. Analog 1-pin Mode:
Use SW3 to select voltage.
Typically used by Murata models.
U5E
4066
C16 100nF
C17 100nF
Use SW2 to select the mode type
Sheet: /MCU/SMBUS_Addressing/
File: SMBUS_Addressing.sch
Title: SMBUS Address
Size: A4
Date: 2020-07-26
Rev: B
KiCad E.D.A. kicad (5.1.6-0-10_14)
Id: 5/7

Card Slot Connector

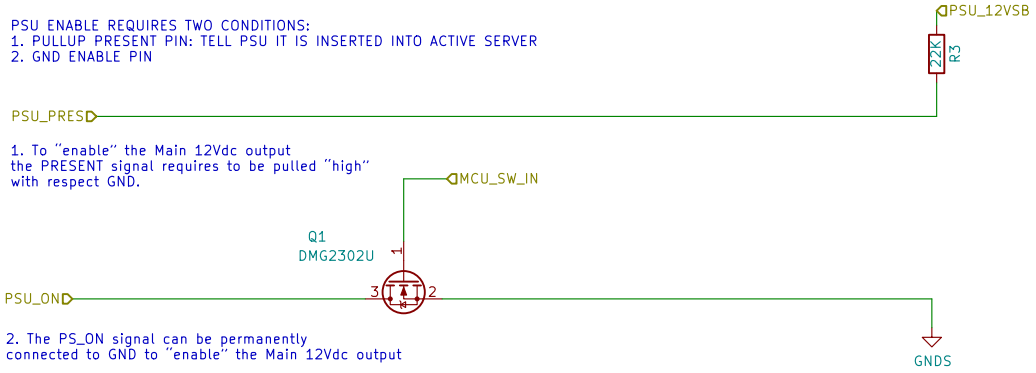


Testpoints

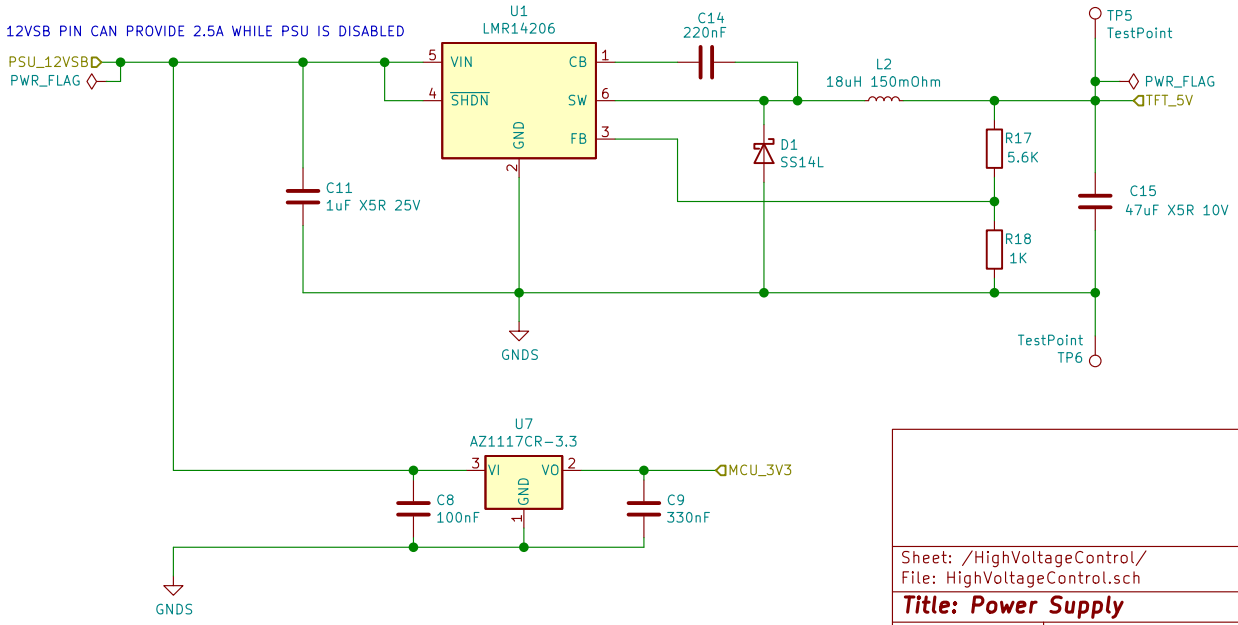


Sheet: /PSUConnector/		
File: PSUConnector.sch		
Title: Card slot connector		
Size: A4	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 6/7

PSU Power



MCU/TFT Power



Sheet: /HighVoltageControl/
File: HighVoltageControl.sch

Title: Power Supply

Size: A4	Date: 2020-07-26	**Rev: B**
KiCad E.D.A. kicad (5.1.6-0-10_14)		Id: 7/7