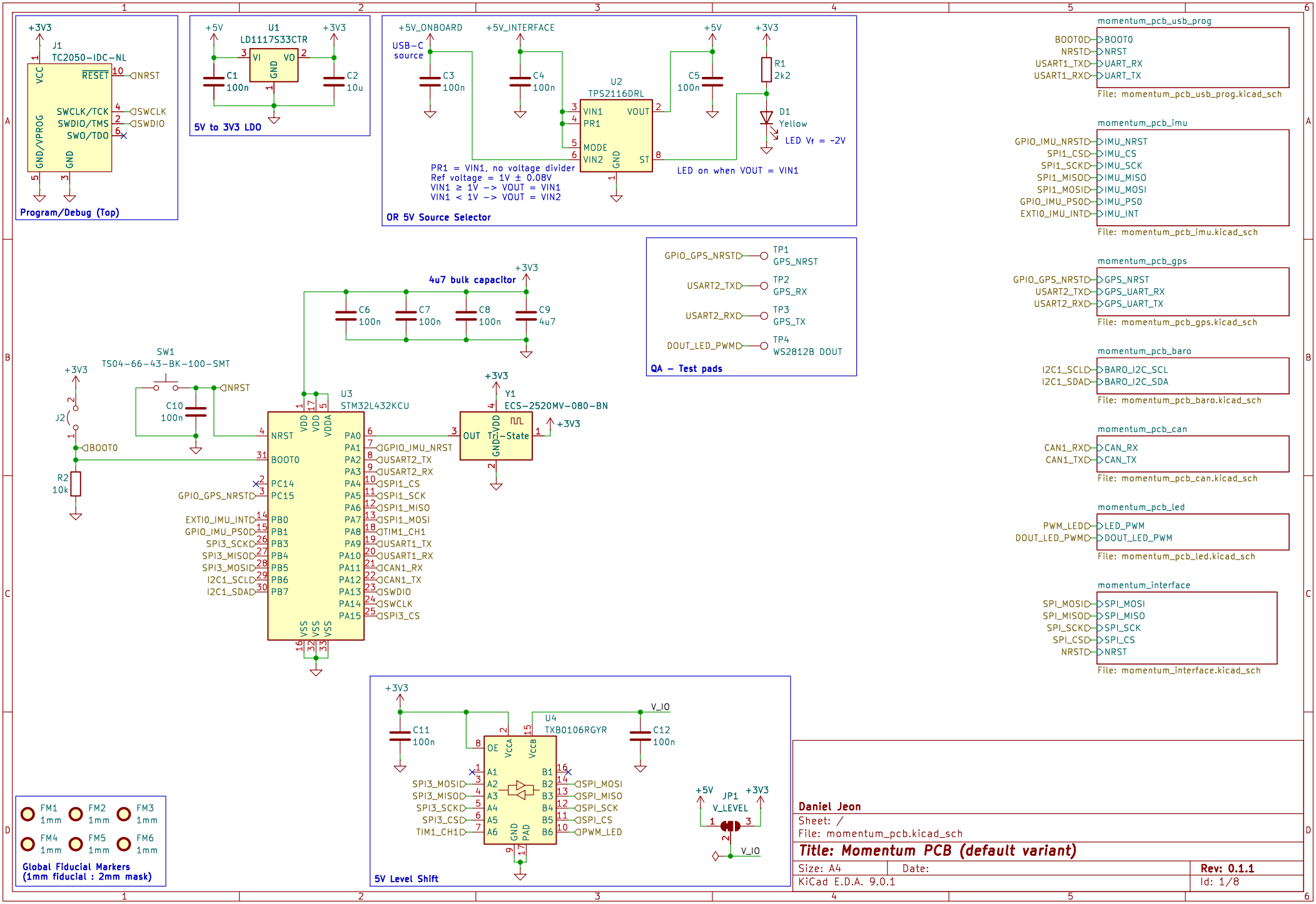
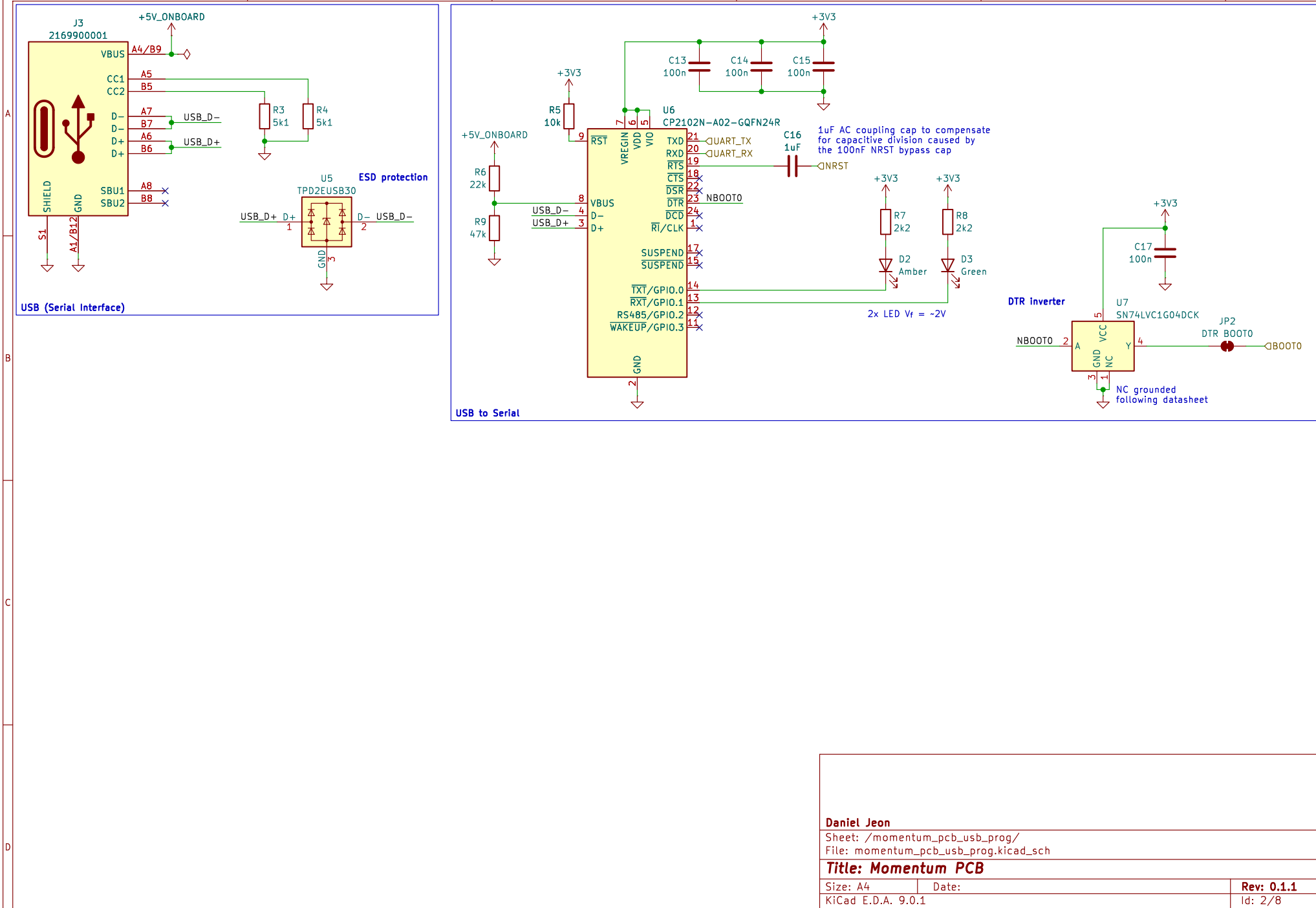
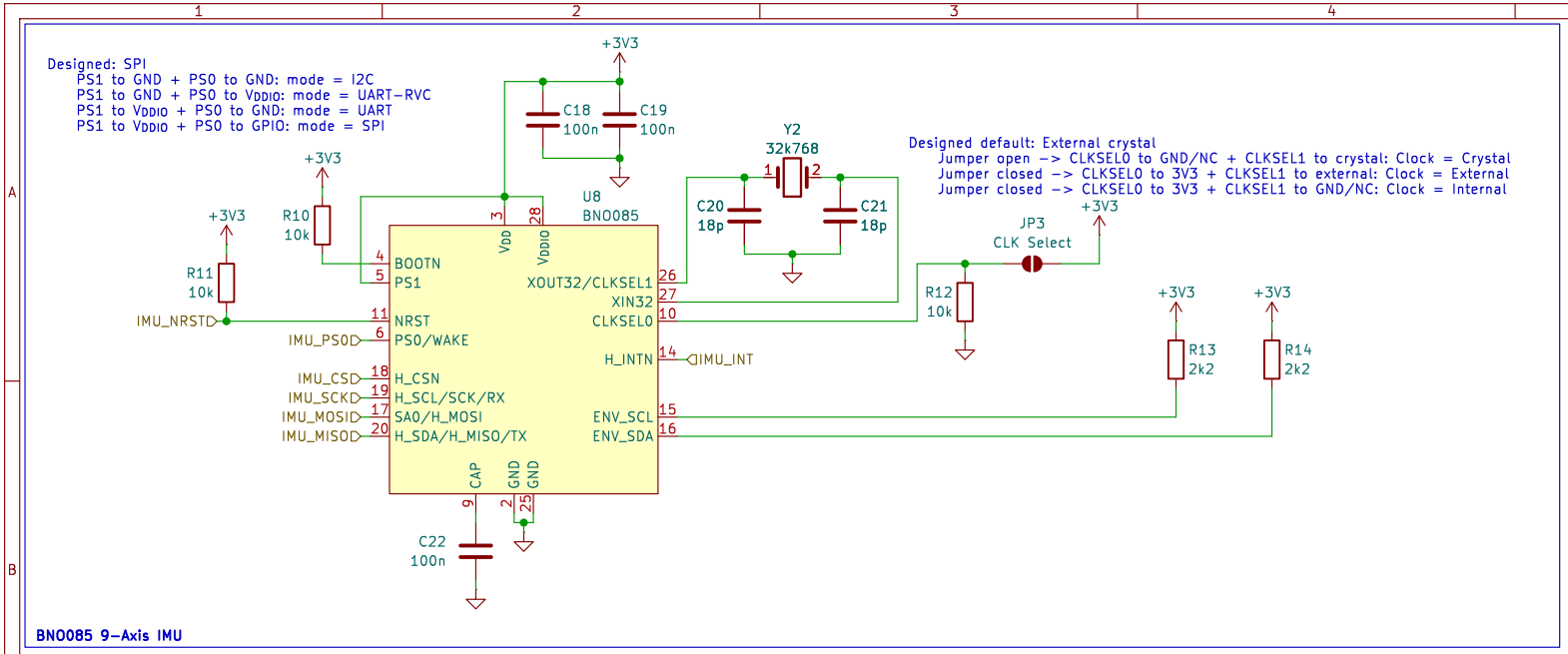
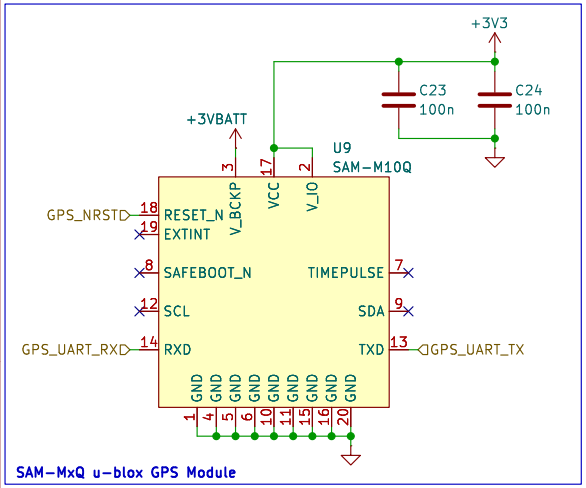

Program/Debug (Top)
5V to 3V3 LDO
OR 5V Source Selector
PR1 = VIN1, no voltage divider
Ref voltage = 1V ± 0.08V
VIN1 ≥ 1V -> VOUT = VIN1
VIN1 < 1V -> VOUT = VIN2
LED on when VOUT = VIN1
4u7 bulk capacitor
QA – Test pads
5V Level Shift
Global Fiducial Markers
(1mm fiducial : 2mm mask)
momentum_pcb_usb_prog
File: momentum_pcb_usb_prog.kicad_sch
momentum_pcb_imu
File: momentum_pcb_imu.kicad_sch
momentum_pcb_gps
File: momentum_pcb_gps.kicad_sch
momentum_pcb_baro
File: momentum_pcb_baro.kicad_sch
momentum_pcb_can
File: momentum_pcb_can.kicad_sch
momentum_pcb_led
File: momentum_pcb_led.kicad_sch
momentum_interface
File: momentum_interface.kicad_sch
Daniel Jeon
Sheet: /
File: momentum_pcb.kicad_sch
Title: Momentum PCB (default variant)
Size: A4
Date:
Rev: 0.1.1
KiCad E.D.A. 9.0.1
Id: 1/8

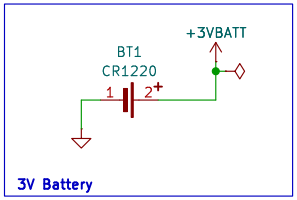


Daniel Jeon		
Sheet: /momentum_pcb_usb_prog/		
File: momentum_pcb_usb_prog.kicad_sch		
Title: Momentum PCB		
Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 2/8



Daniel Jeon		
Sheet: /momentum_pcb_imu/		
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Title: Momentum PCB		
Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 3/8





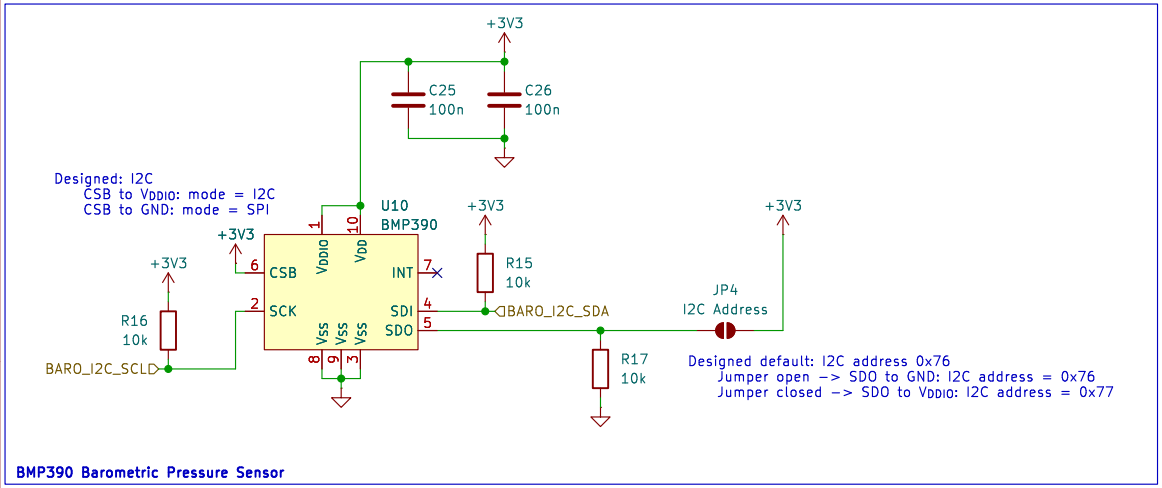
Daniel Jeon

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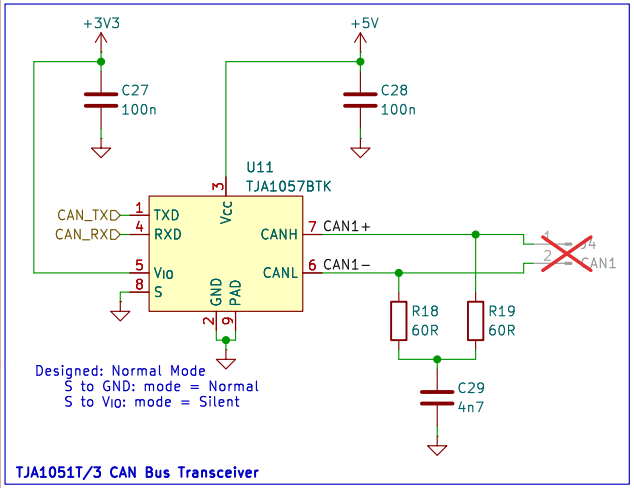
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Title: Momentum PCB

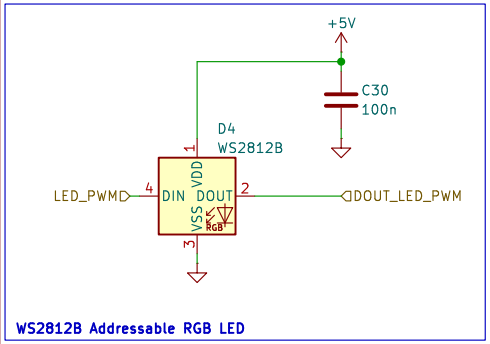
Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 4/8



Daniel Jeon		
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Title: Momentum PCB		
Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 5/8



Daniel Jeon		
Sheet: /momentum_pcb_can/		
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Title: Momentum PCB		
Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 6/8



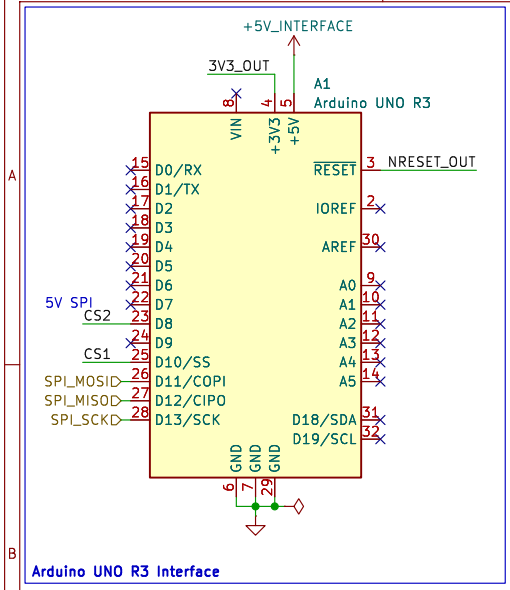
Daniel Jeon

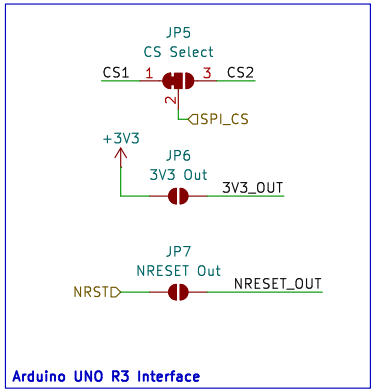
Sheet: /momentum_pcb_led/

File: momentum_pcb_led.kicad_sch

Title: Momentum PCB

Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 7/8





Daniel Jeon

Sheet: /momentum_interface/
File: momentum_interface.kicad_sch

Title: Momentum PCB

Size: A4	Date:	**Rev: 0.1.1**
KiCad E.D.A. 9.0.1		Id: 8/8