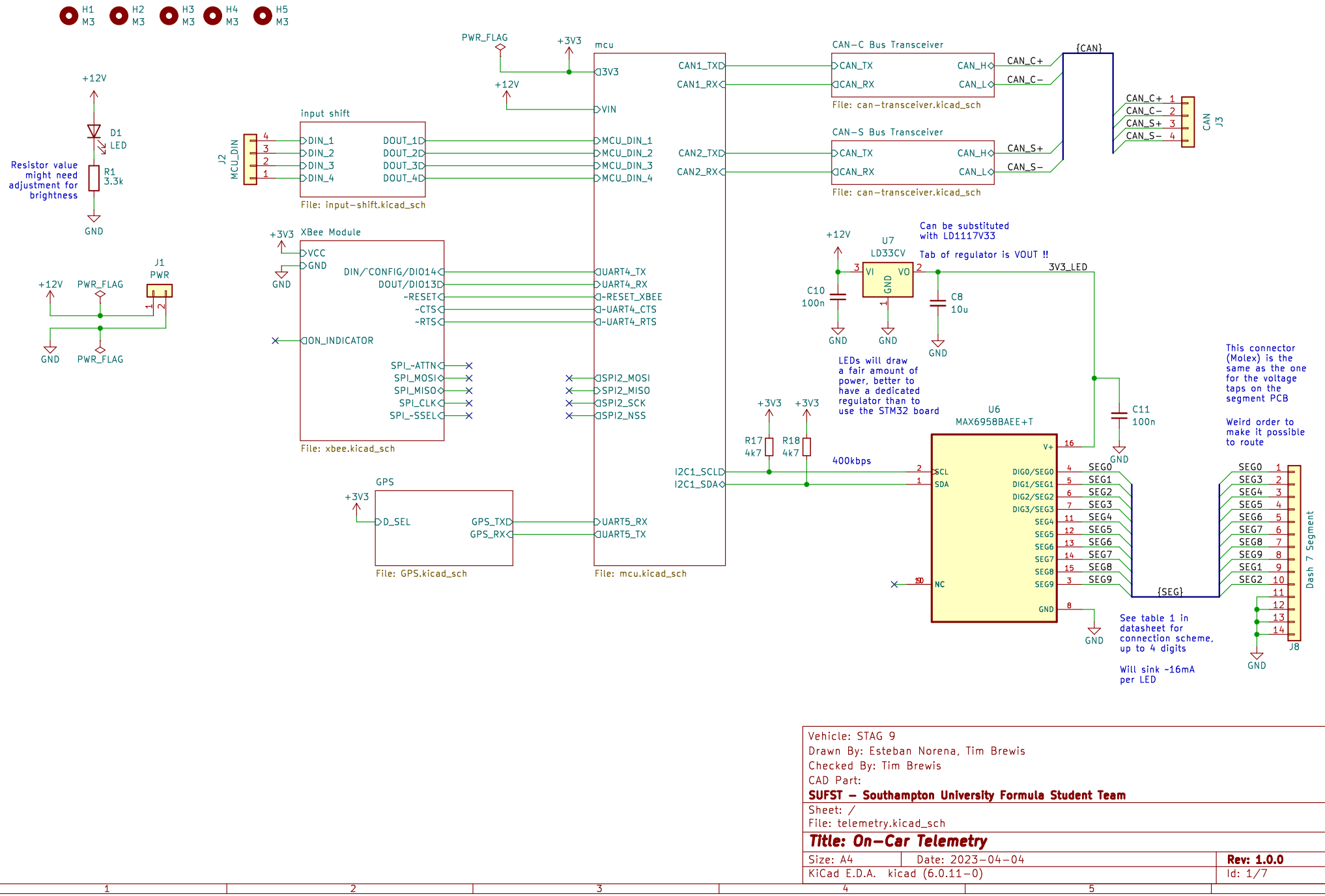
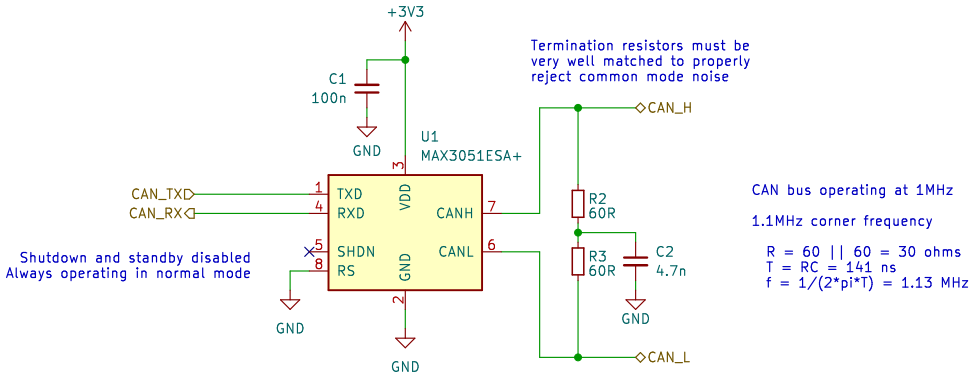
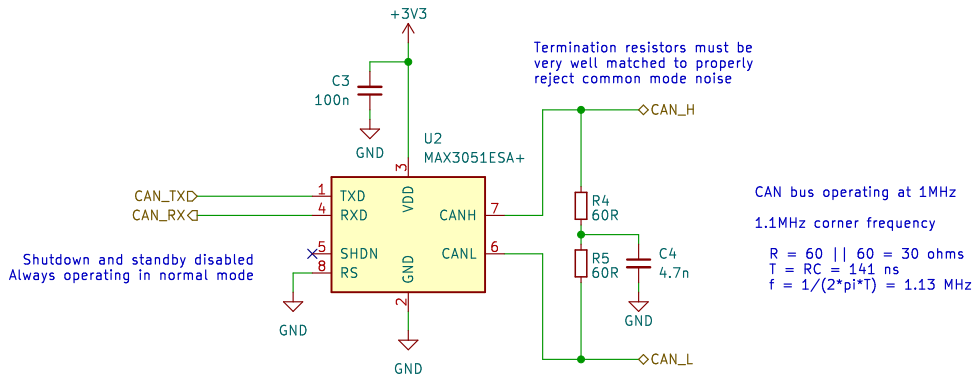


Vehicle: STAG 9	
Drawn By: Esteban Norena, Tim Brewis	
Checked By: Tim Brewis	
CAD Part:	
SUFST – Southampton University Formula Student Team	
Sheet: /	
File: telemetry.kicad_sch	
Title: On-Car Telemetry	
Size: A4	Date: 2023-04-04
KiCad E.D.A. kicad (6.0.11-0)	**Rev: 1.0.0**
	Id: 1/7

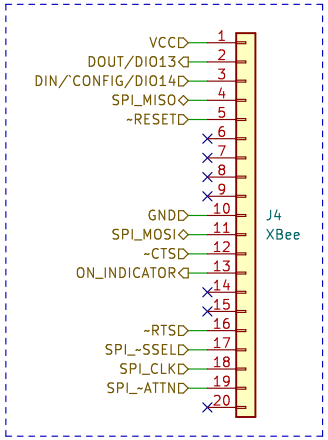


Vehicle: STAG 9		
Drawn By: Esteban Norena, Tim Brewis		
Checked By: Tim Brewis		
CAD Part:		
SUFST – Southampton University Formula Student Team		
Sheet: /CAN-C Bus Transceiver/		
File: can-transceiver.kicad_sch		
Title: On-Car Telemetry		
Size: A4	Date: 2023-04-04	**Rev: 1.0.0**
KiCad E.D.A. kicad (6.0.11-0)		Id: 2/7



Vehicle: STAG 9	
Drawn By: Esteban Norena, Tim Brewis	
Checked By: Tim Brewis	
CAD Part:	
SUFST – Southampton University Formula Student Team	
Sheet: /CAN-S Bus Transceiver/	
File: can-transceiver.kicad_sch	
Title: On-Car Telemetry	
Size: A4	Date: 2023-04-04
KiCad E.D.A. kicad (6.0.11-0)	Id: 3/7
	Rev: 1.0.0

XBee Through-hole module

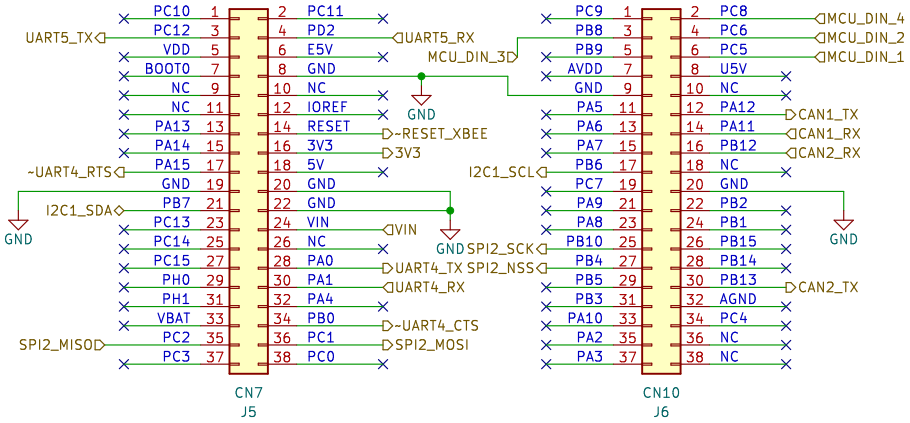


Vehicle: STAG 9
Drawn By: Esteban Norena, Tim Brewis
Checked By: Tim Brewis
CAD Part:
SUFST – Southampton University Formula Student Team
Sheet: /XBee Module/
File: xbee.kicad_sch
Title: On-Car Telemetry

Size: A4	Date: 2023-04-04	**Rev: 1.0.0**
KiCad E.D.A. kicad (6.0.11-0)		Id: 4/7

STM32 F446RE Nucleo-446

Nucleo-446 dev board has
built in regulator
supplied from VIN which
provides 3.3V power for
rest of circuit, up to 500mA



Vehicle: STAG 9		
Drawn By: Esteban Norena, Tim Brewis		
Checked By: Tim Brewis		
CAD Part:		
SUFST – Southampton University Formula Student Team		
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Title: On-Car Telemetry		
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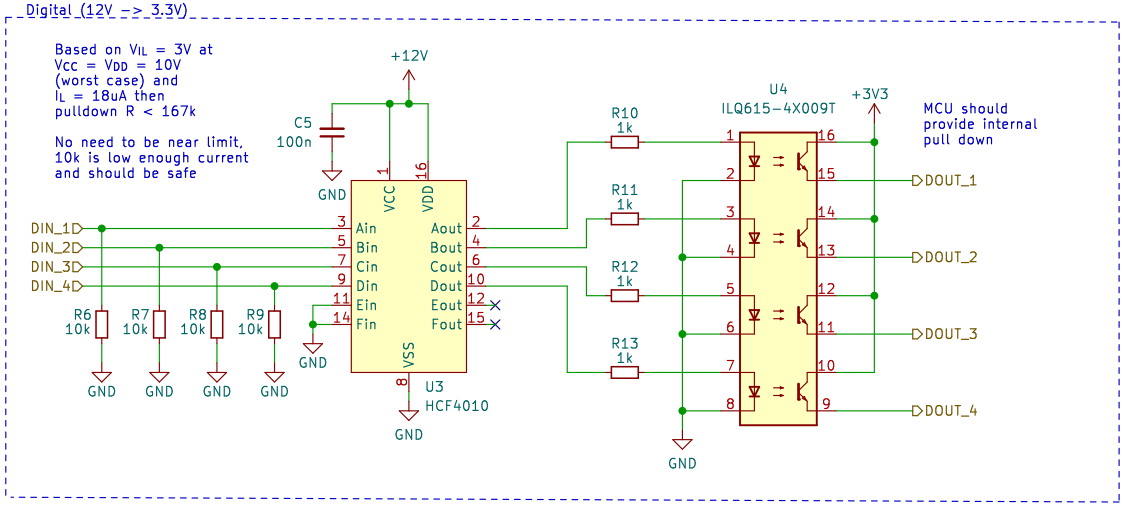
KiCad E.D.A. kicad (6.0.11-0)		Id: 5/7



Vehicle: STAG 9	
Drawn By: Esteban Norena, Tim Brewis	
Checked By: Tim Brewis	
CAD Part:	
SUFST – Southampton University Formula Student Team	
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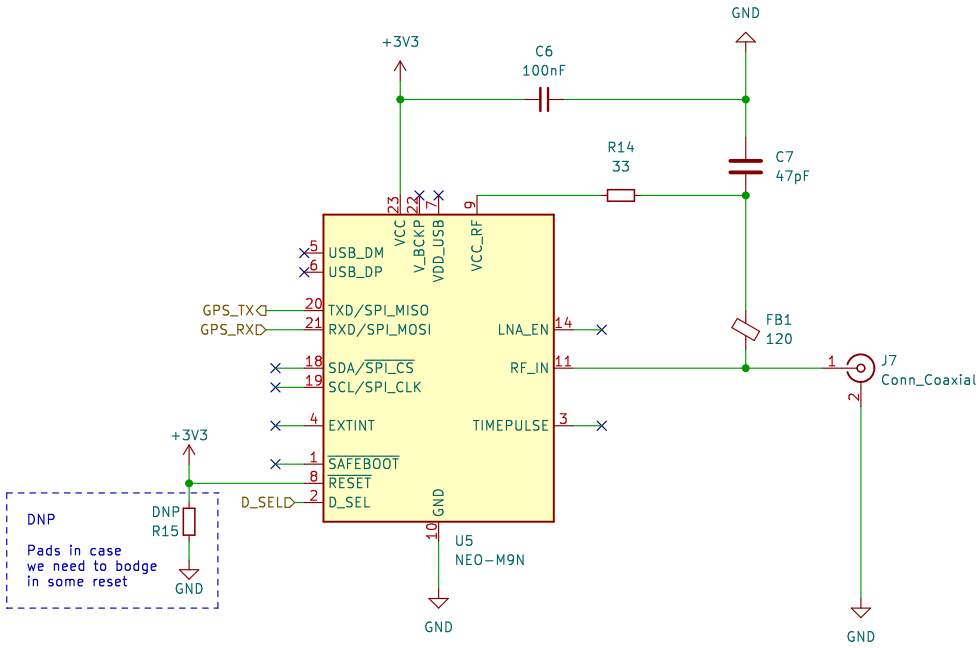
KiCad E.D.A. kicad (6.0.11-0)	Id: 6/7

Rev: 1.0.0



Vehicle: STAG 9		
Drawn By: Esteban Norena, Tim Brewis		
Checked By: Tim Brewis		
CAD Part:		
SUFST – Southampton University Formula Student Team		
Sheet: /GPS/		
File: GPS.kicad_sch		
Title: On-Car Telemetry		
Size: A4	Date: 2023-04-04	**Rev: 1.0.0**
KiCad E.D.A. kicad (6.0.11-0)		Id: 7/7