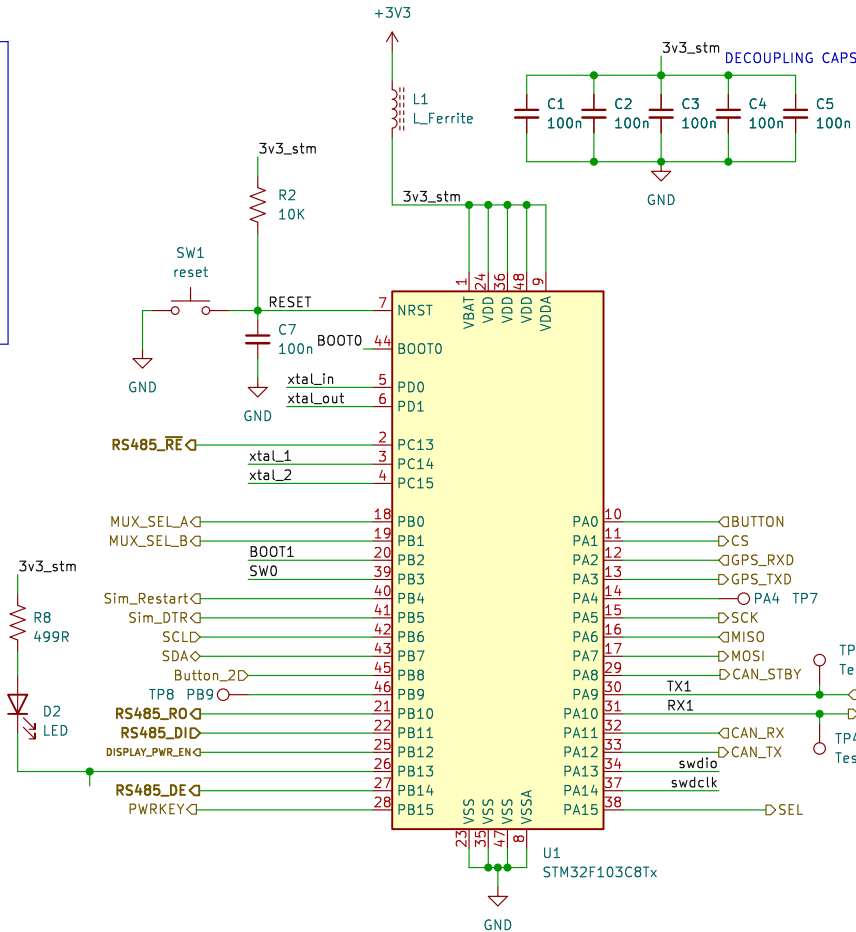
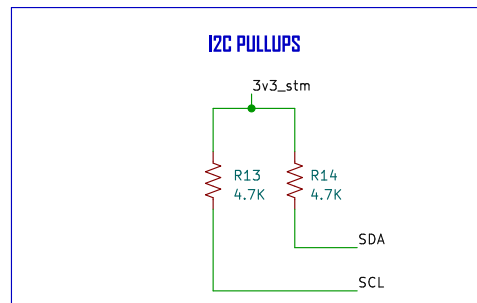
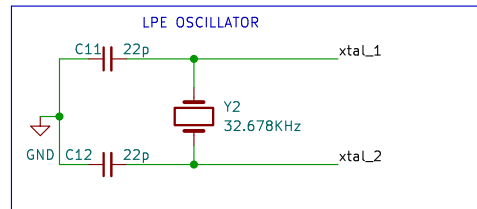
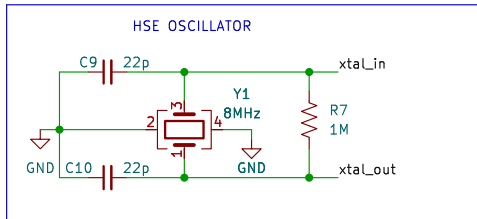
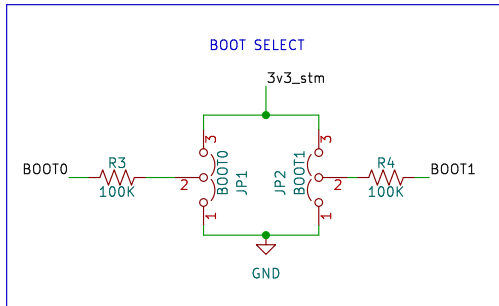
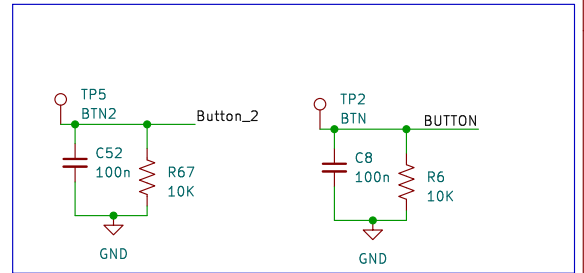
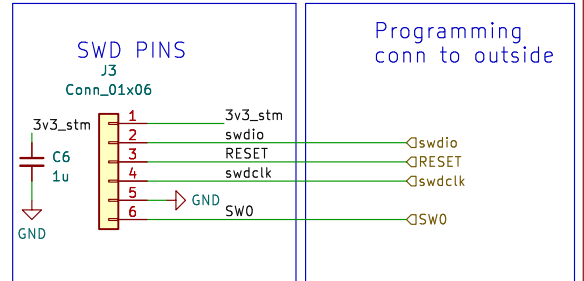


STM32F103C8T6 MCU



- H2 MountingHole
- H3 MountingHole
- H4 MountingHole



BIM BOARD
Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

GEVITON

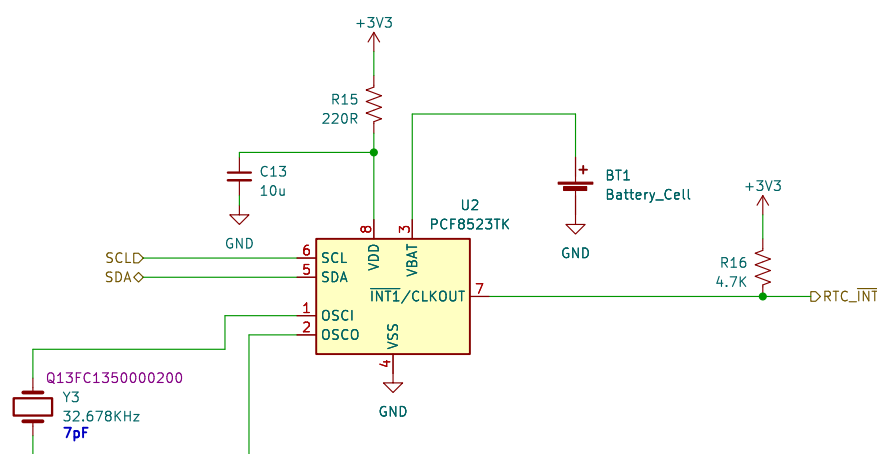
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Size: A4 Date: 2023-12-06
KiCad E.D.A. kicad 7.0.10

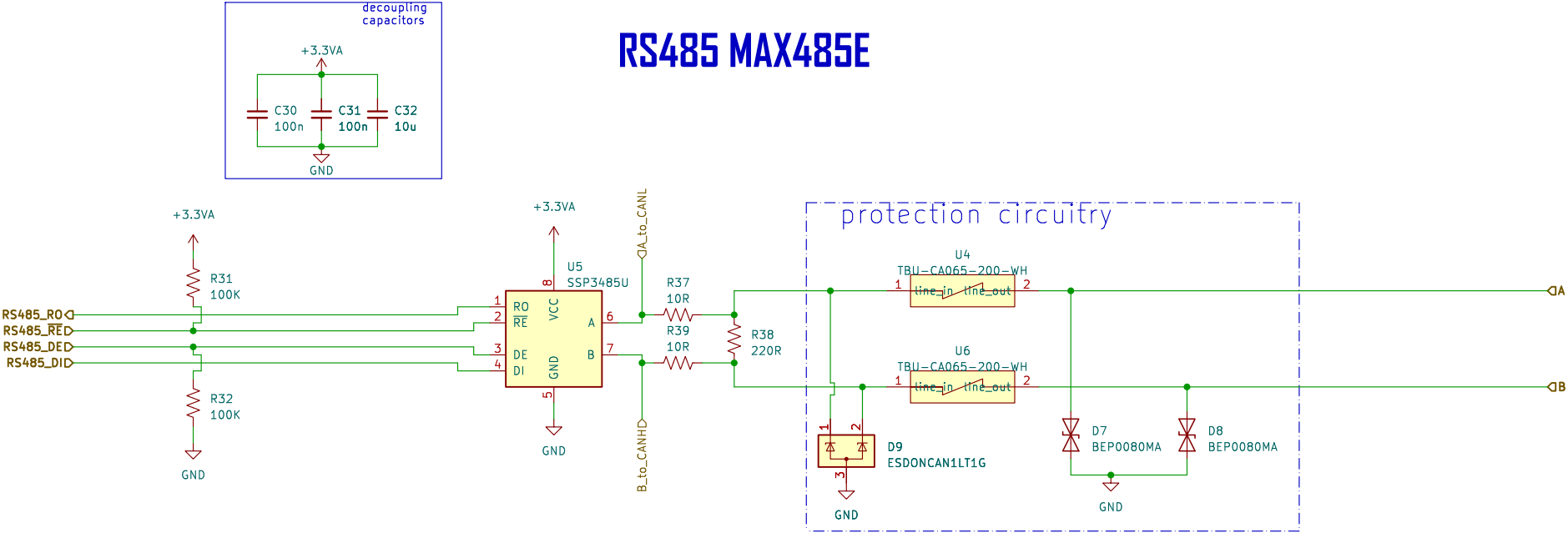
Rev: REV 2.0.0
Id: 2/17

PCF8523
RTC IC



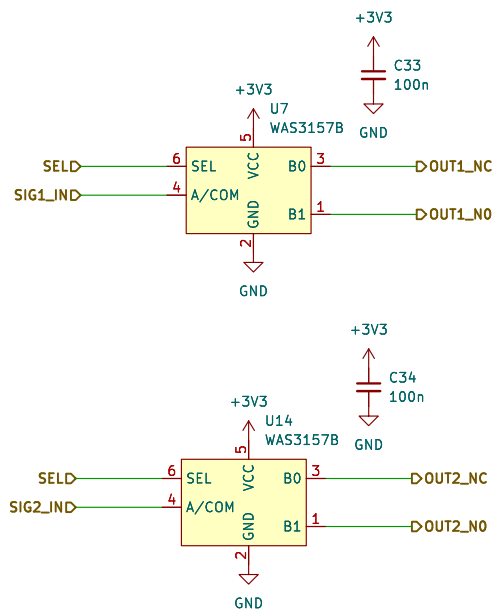
BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A. kicad 7.0.10		Id: 3/17

RS485 MAX485E



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /RS485_MAX485/		
File: RS485_MAX485.kicad_sch		
Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A. kicad 7.0.10		Id: 7/17

ANALOG SWITCH / MULTIPLEXER IC

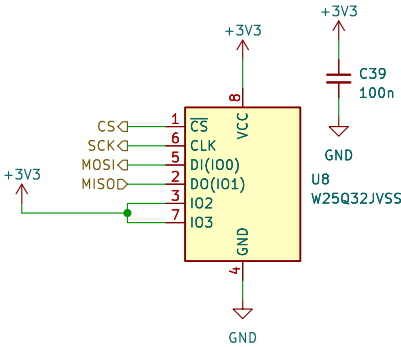


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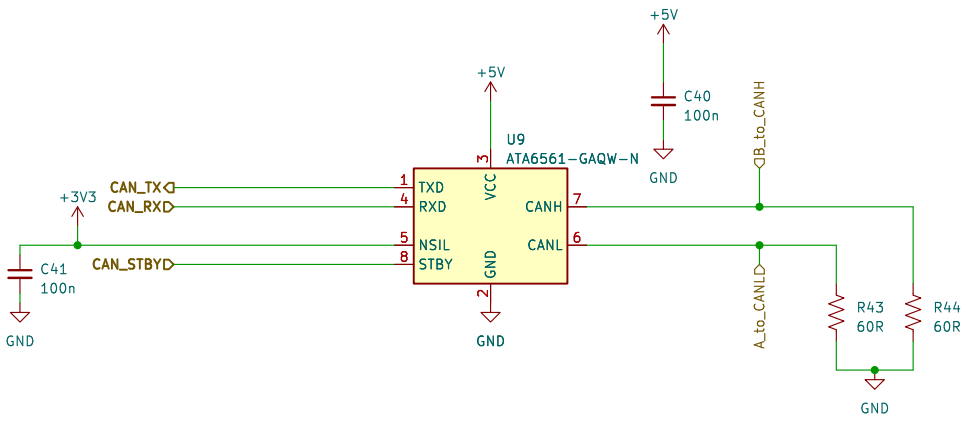
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FLASH MEMEORY



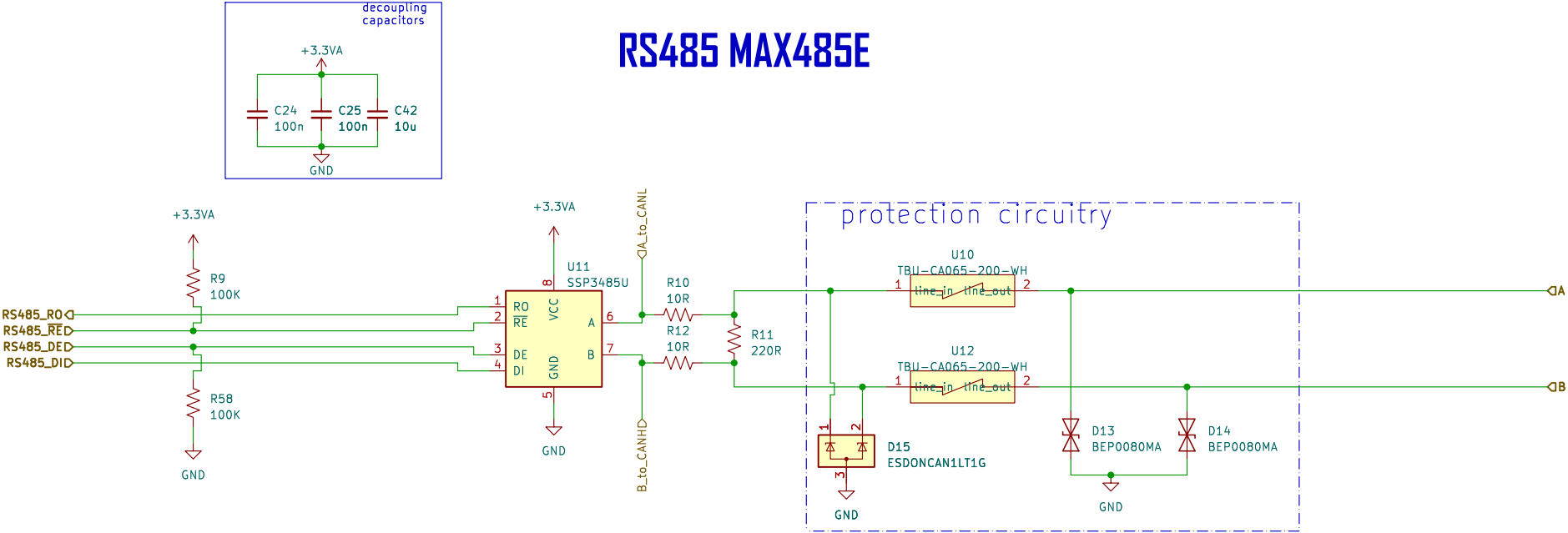
BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A. kicad 7.0.10	Id: 9/17	

CAN TRANSCEIVER ATA6561



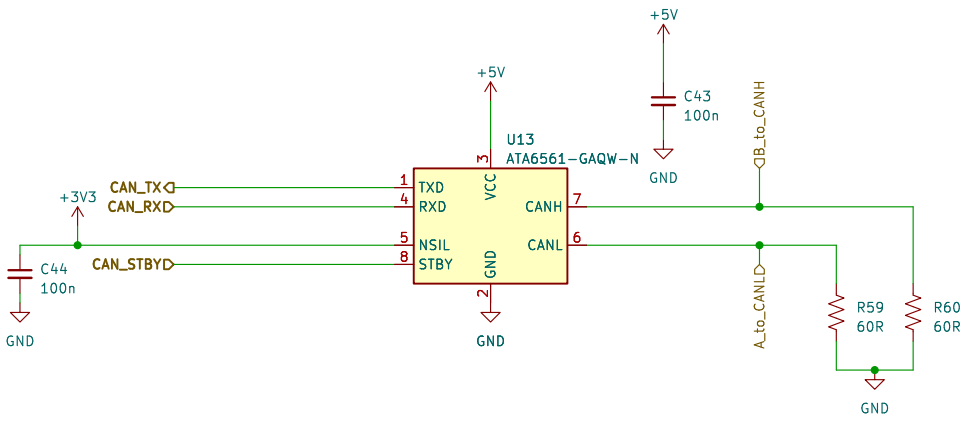
BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
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KiCad E.D.A. kicad 7.0.10	Id: 10/17	

RS485 MAX485E



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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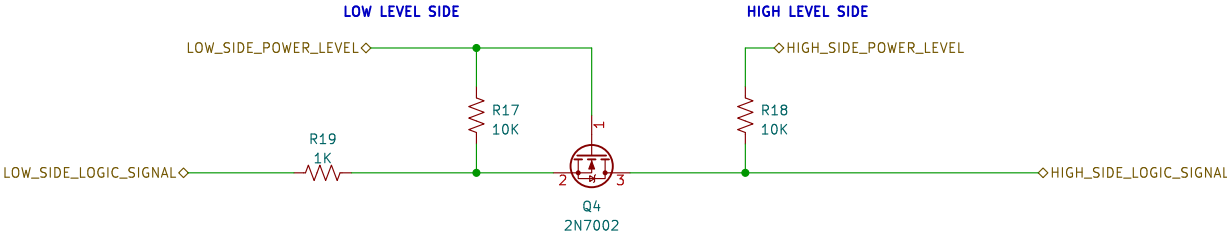
CAN TRANSCEIVER ATA6561



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Title: BIM BOARD		
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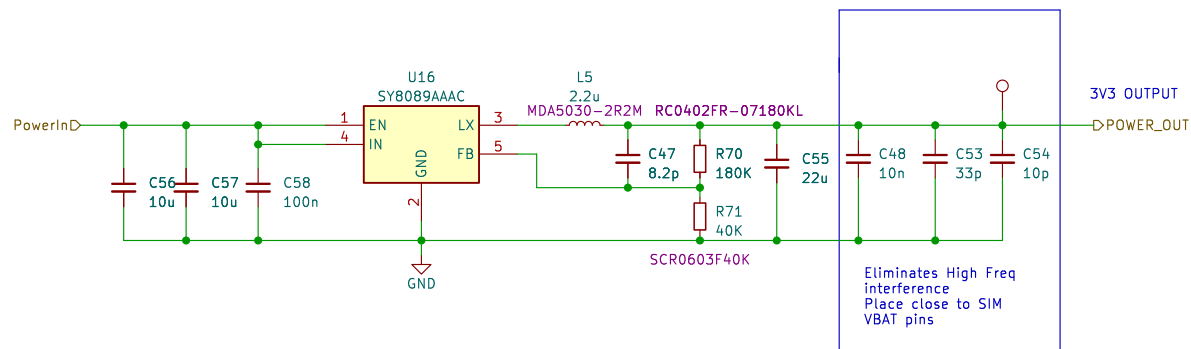
BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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SIM MODULE POWER SUPPLY 3V3/2A



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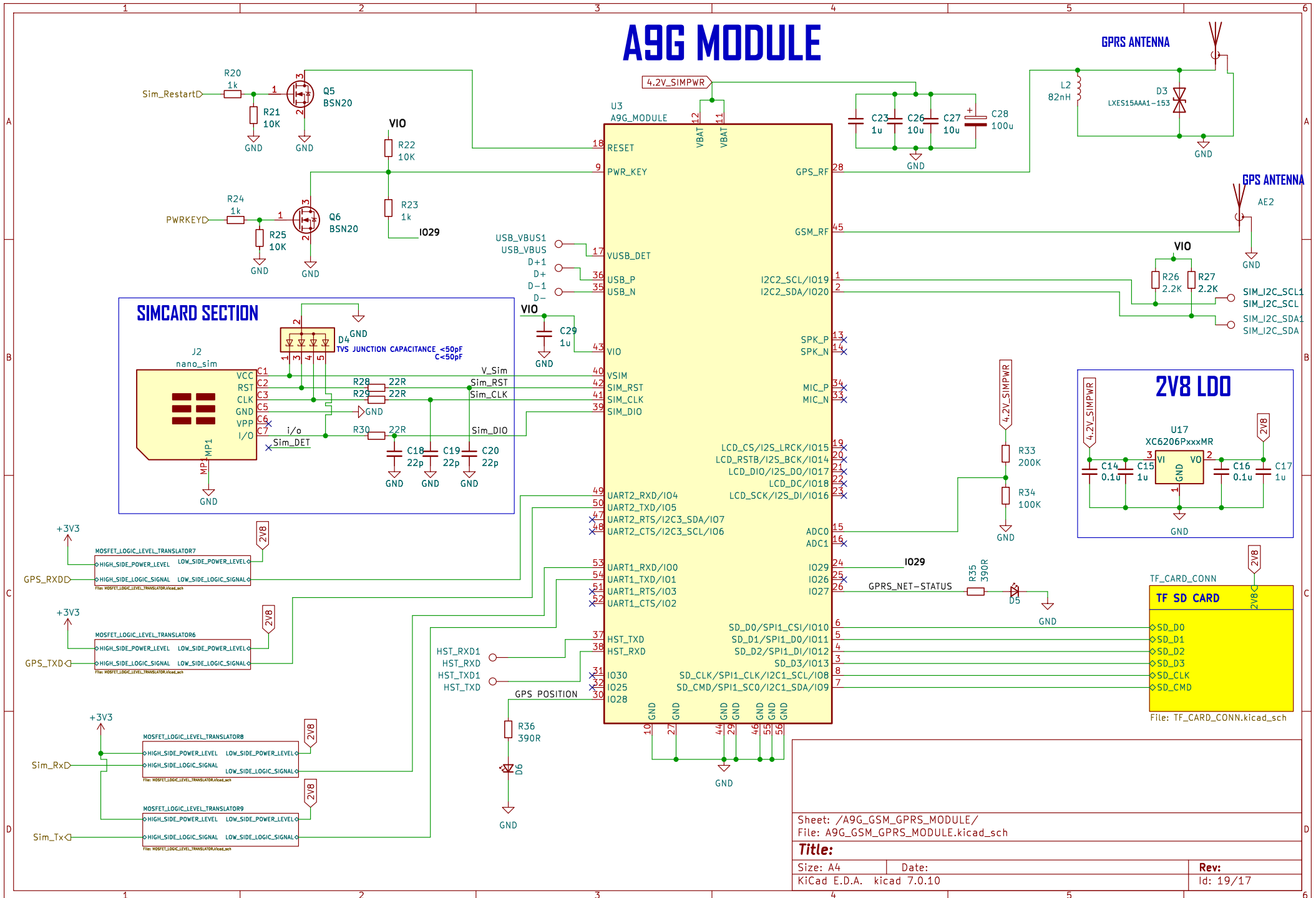
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Rev:

Id: 18/17

A9G MODULE



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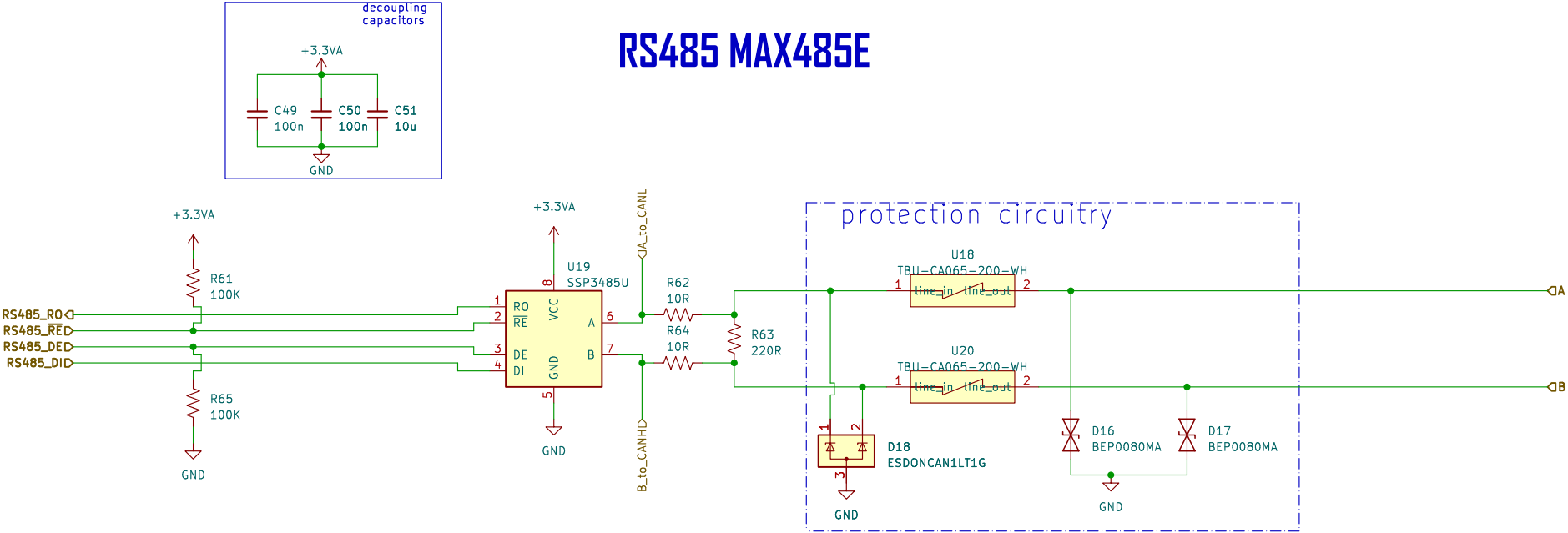
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Rev:

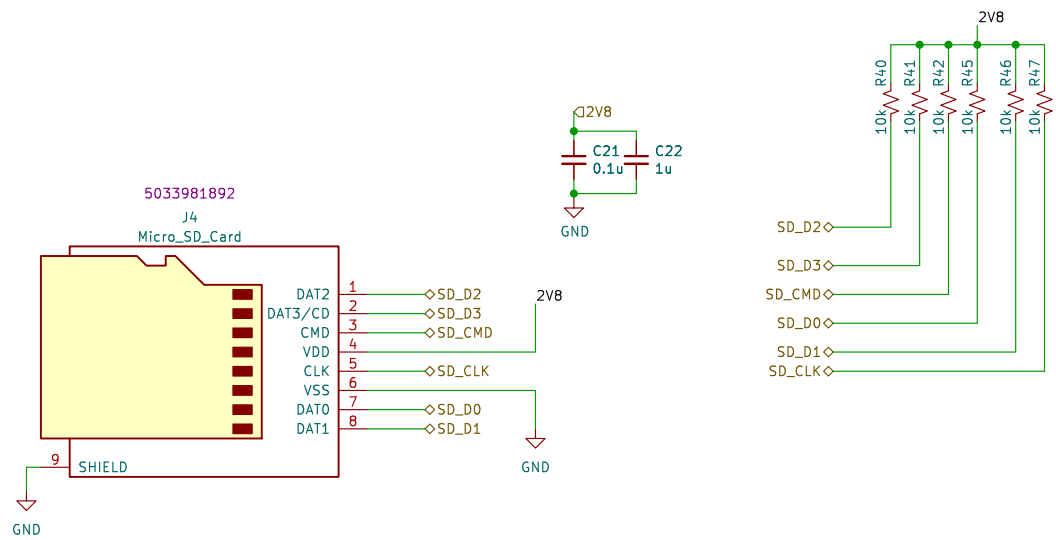
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RS485 MAX485E



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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File: RS485_MAX485.kicad_sch		
Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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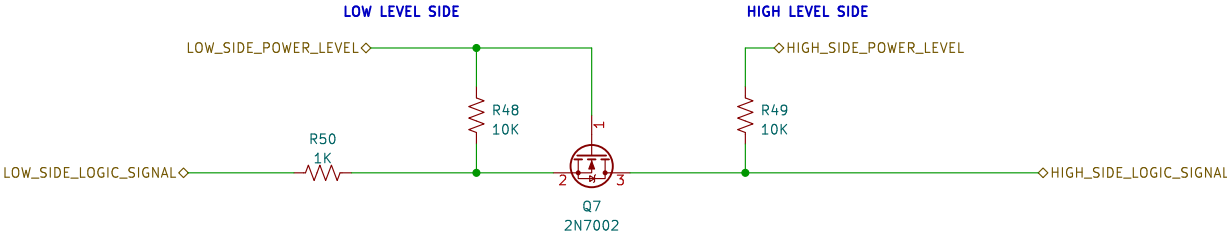
TF/SD CARD



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BI-DIRECTIONAL LEVEL TRANSLATOR

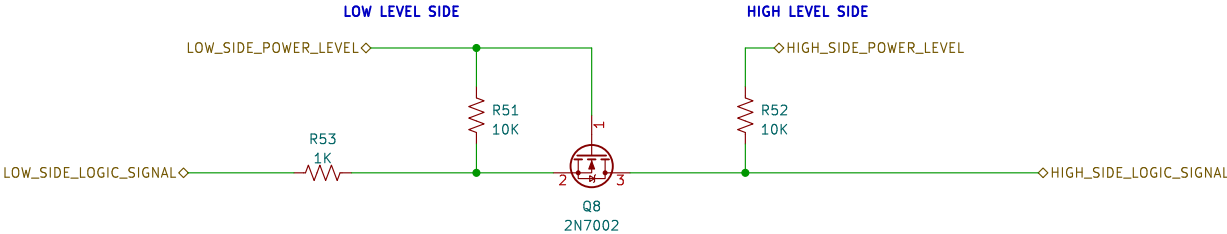
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /A9G_GSM_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR7/		
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BI-DIRECTIONAL LEVEL TRANSLATOR

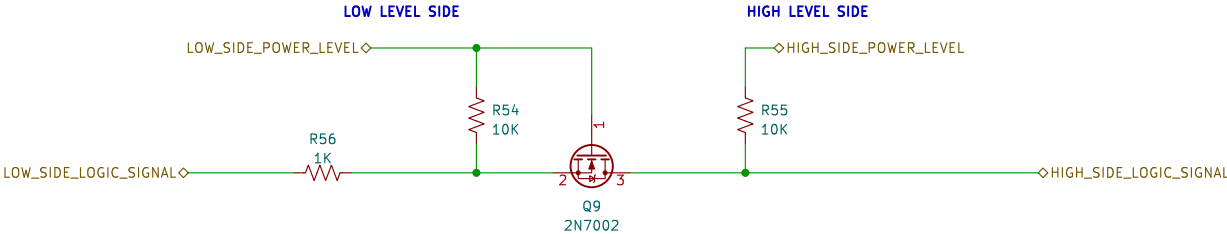
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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KiCad E.D.A. kicad 7.0.10		Id: 22/17

BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /A9G_GSM_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR9/		
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