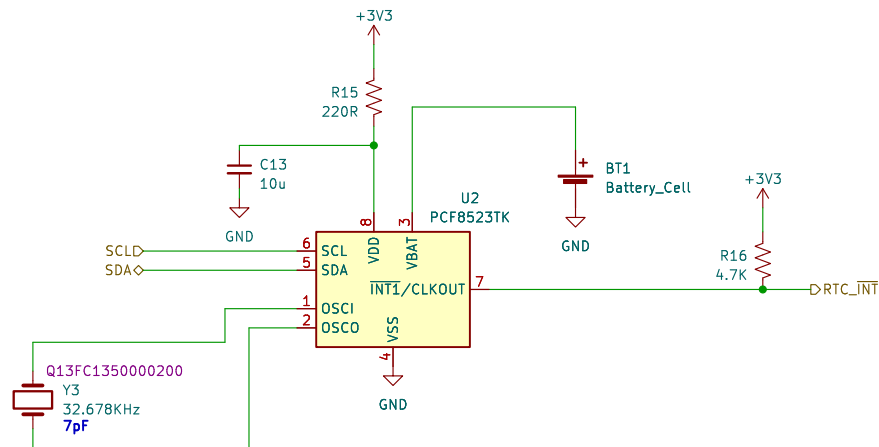




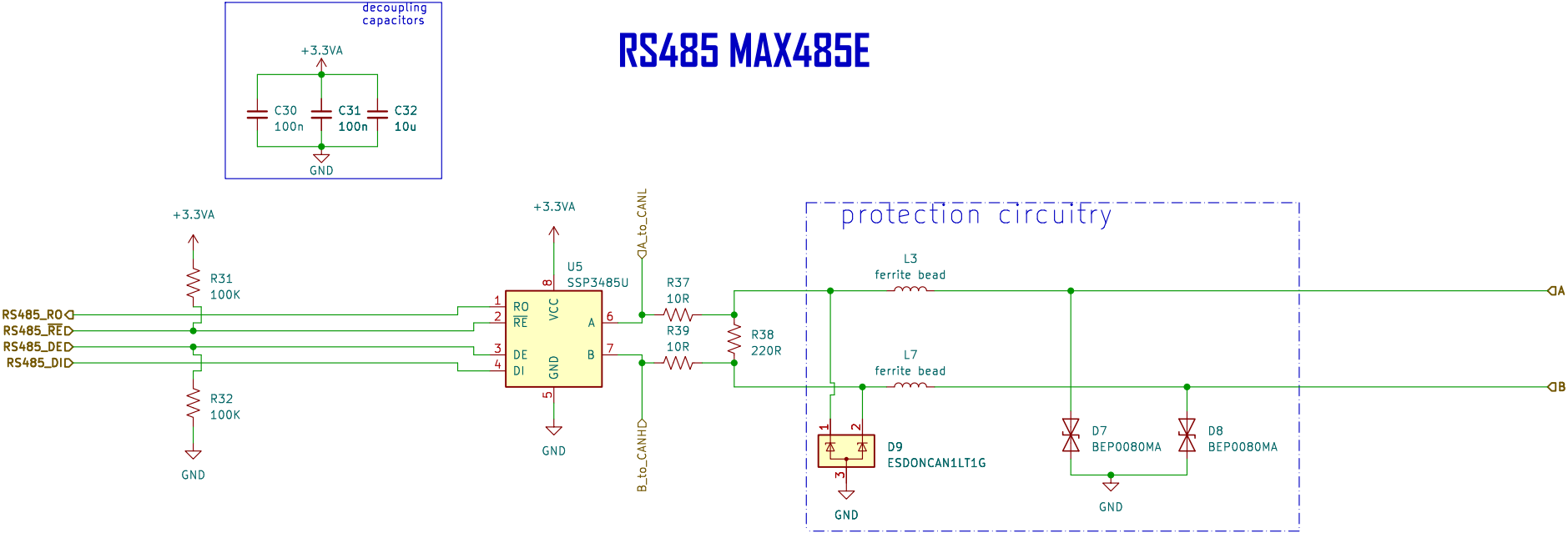
# PCF8523

## RTC IC



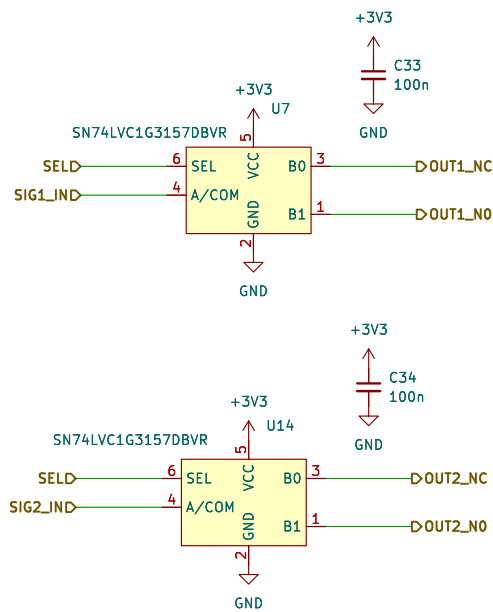
BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /RTC_MODULE_IC_PCF8523/		
File: RTC_MODULE_IC_PCF8523.kicad_sch		
Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A. kicad 7.0.10		Id: 3/13

# RS485 MAX485



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: 7/13	

# ANALOG SWITCH / MULTIPLEXER IC



Sheet: /MULTIPLEXER\_SWITCH\_WAS3157B-6/  
File: MULTIPLEXER\_SWITCH\_WAS3157B-6.kicad\_sch

**Title:**

Size: A4

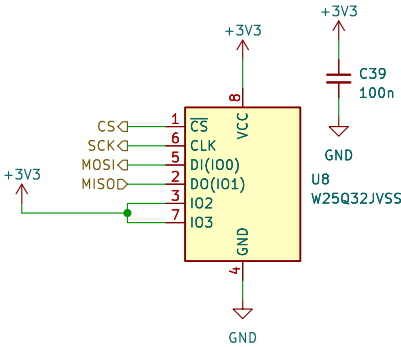
Date:

KiCad E.D.A. kicad 7.0.10

**Rev:**

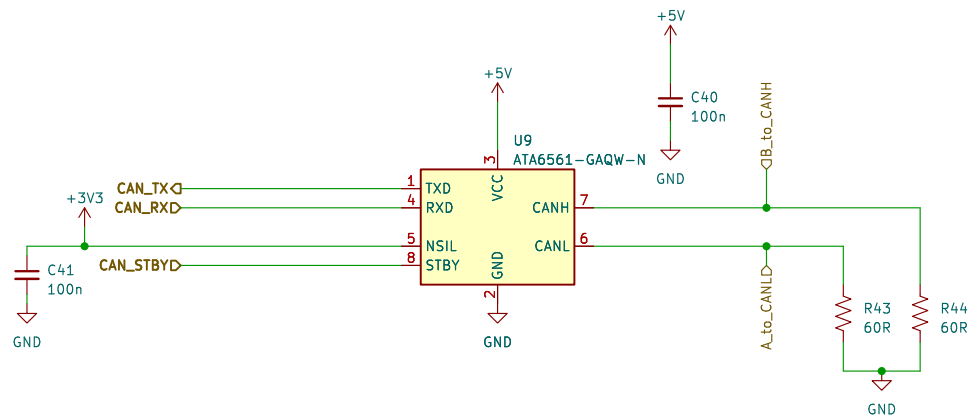
Id: 8/13

# FLASH MEMEORY



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /FLASH_MEMORY/		
File: FLASH_MEMORY.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: 9/13	

# CAN TRANSCEIVER ATA6561



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

## GEVITON

Sheet: /CAN\_TRANSCEIVER\_ATA6561/  
File: CAN\_TRANSCEIVER\_ATA6561.kicad\_sch

## Title: BIM BOARD

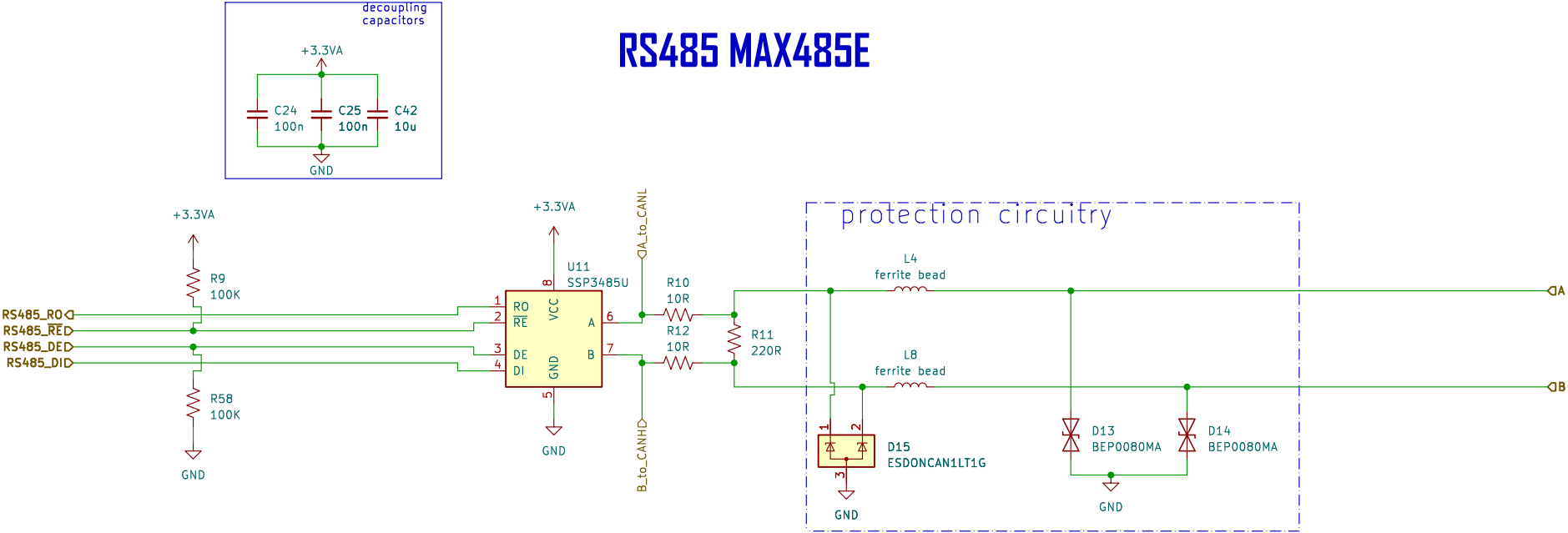
Size: A4  
KiCad E.D.A. kicad 7.0.10

Date: 2023-12-06

Rev: REV 2.0.0

Id: 10/13

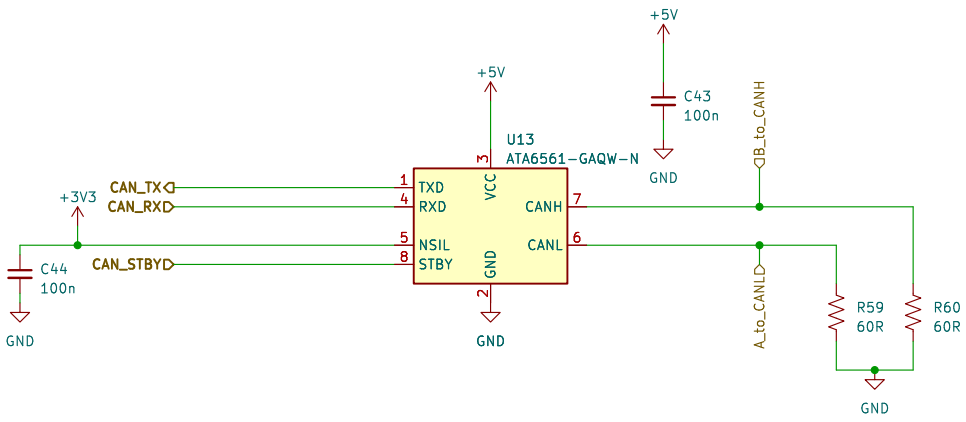
# RS485 MAX485E



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /RS485_MAX486/		
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: 15/13	

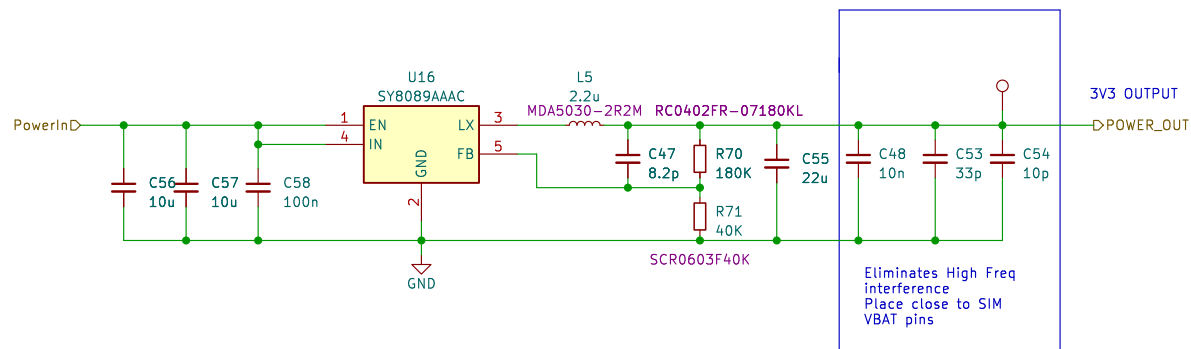


# CAN TRANSCEIVER ATA6561



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /CAN_TRANSCEIVER_ATA6562/		
File: CAN_TRANSCEIVER_ATA6561.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: 16/13	

## SIM MODULE POWER SUPPLY 3V3/2A



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File: SY8089\_BUCK\_CONVERTER.kicad\_sch

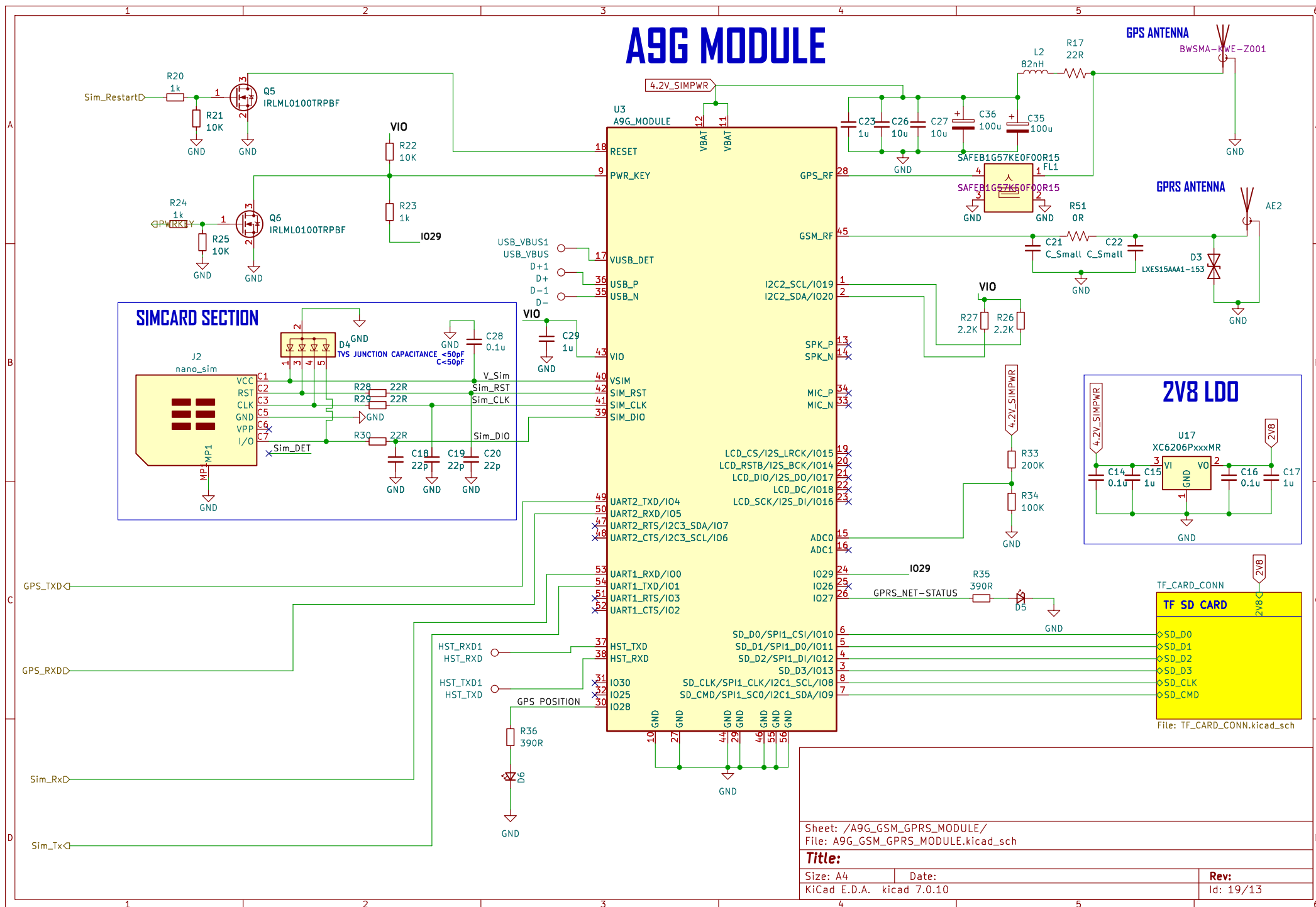
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Size: A4  
KiCad E.D.A. kicad 7.0.10

Date:

Rev:

Id: 18/13





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

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**GEVITON**

Sheet: /RS485\_MAX487/  
 File: RS485\_MAX485.kicad\_sch

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**Title: BIM BOARD**

Size: A4	Date: 2023-12-06	<b>Rev: REV 2.0.0</b>
KiCad E.D.A.	kicad 7.0.10	Id: 19/13

**TF/SD CARD**

5033981892  
J7  
Micro\_SD\_Card

1 DAT2  
2 DAT3/CD  
3 CMD  
4 VDD  
5 CLK  
6 VSS  
7 DAT0  
8 DAT1  
9 SHIELD

SD\_D2  
SD\_D3  
SD\_CMD  
SD\_D0  
SD\_D1

2V8  
GND

C37 0.1u  
C38 1u

R19 10k  
R40 10k  
R41 10k  
R42 10k  
R45 10k  
R46 10k

Sheet: /A9G\_GSM\_GPRS\_MODULE/TF\_CARD\_CONN/  
File: TF\_CARD\_CONN.kicad\_sch

**Title:**

Size: A4 Date: Rev:

KiCad E.D.A. kicad 7.0.10 Id: 20/13

<b>Title:</b>		
Size: A4	Date:	<b>Rev:</b>
KiCad E.D.A. kicad 7.0.10		Id: 20/13
4	5	6

<b>Title:</b>		
Size: A4	Date:	<b>Rev:</b>
KiCad E.D.A. kicad 7.0.10		Id: 20/13