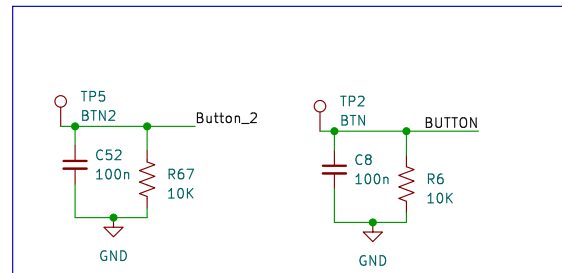
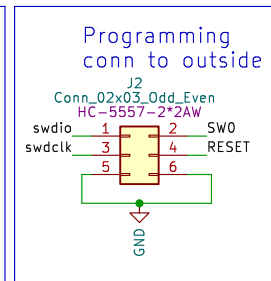
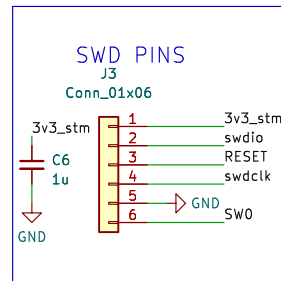
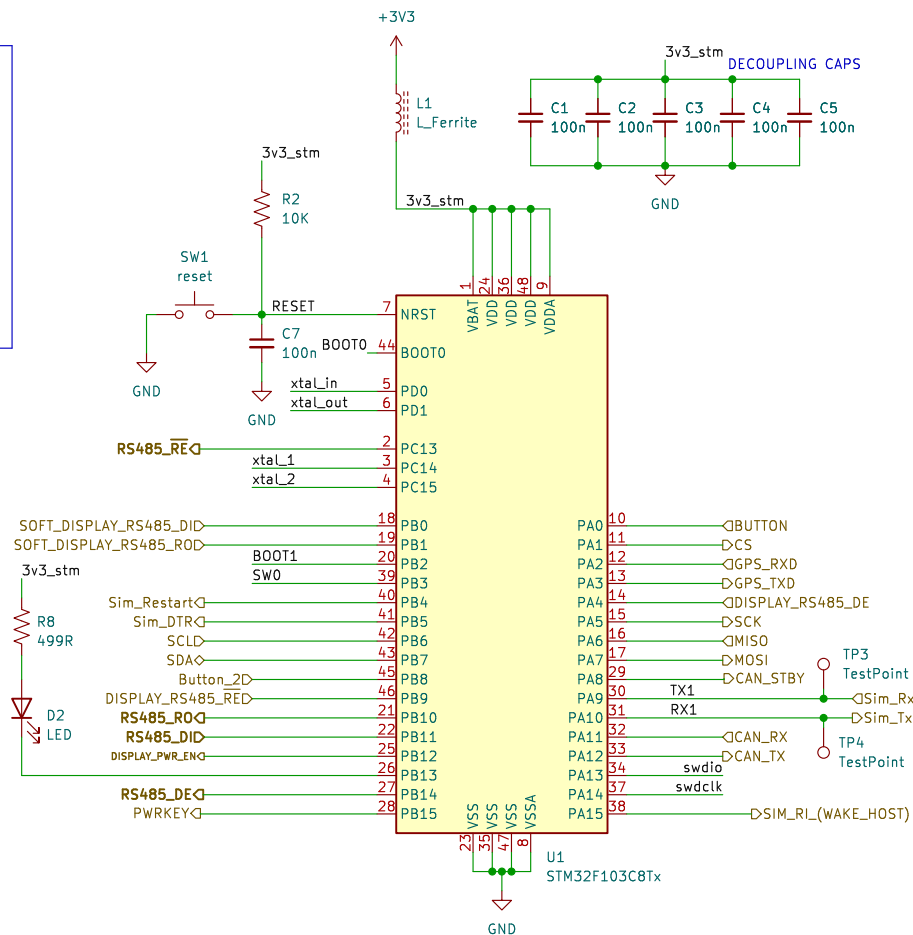
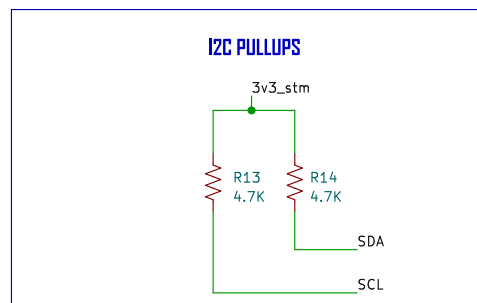
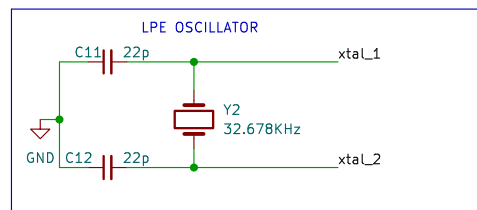
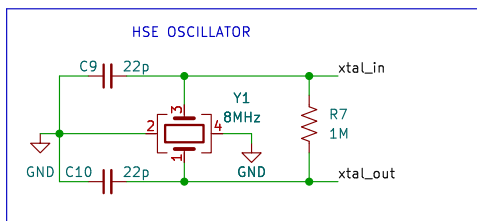
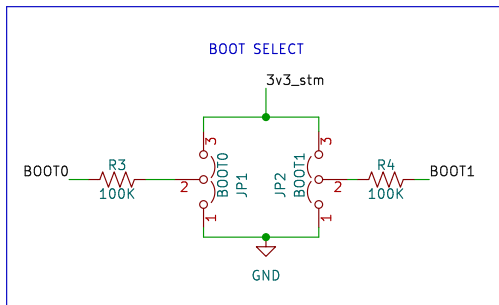


STM32F103C8T6 MCU

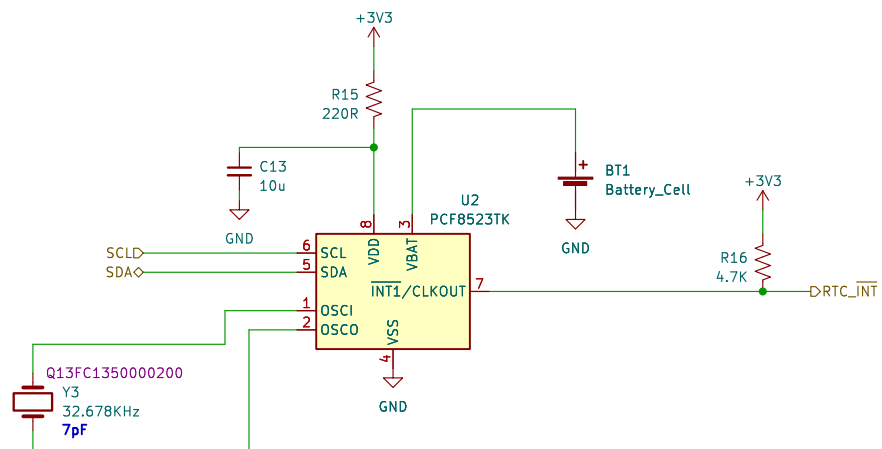


- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

BIM BOARD	
Designed By: Robert Mutura	
Reviewed by: Timothy Kyalo	
GEVITON	
Sheet: /STM32FC8T6_MCU/	
File: STMFC8T6_MCU.kicad_sch	
Title: BIM BOARD	
Size: A4	Date: 2023-12-06
KiCad E.D.A. kicad 7.0.2	Rev: REV 2.0.0
	Id: 2/19

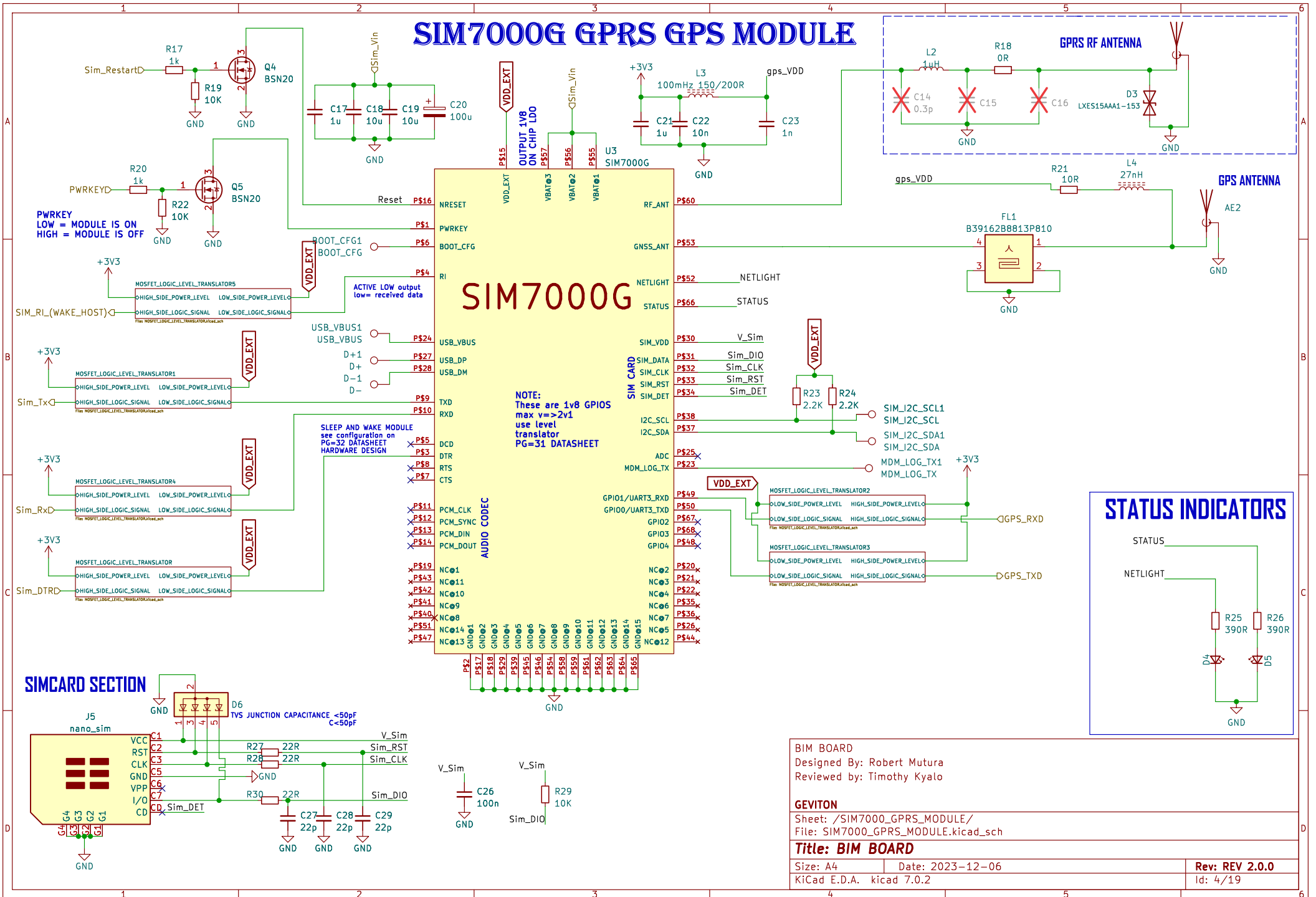
PCF8523

RTC IC



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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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 7.0.2		Id: 3/19

SIM7000G GPRS GPS MODULE



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

GEVITON
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 File: SIM7000_GPRS_MODULE.kicad_sch

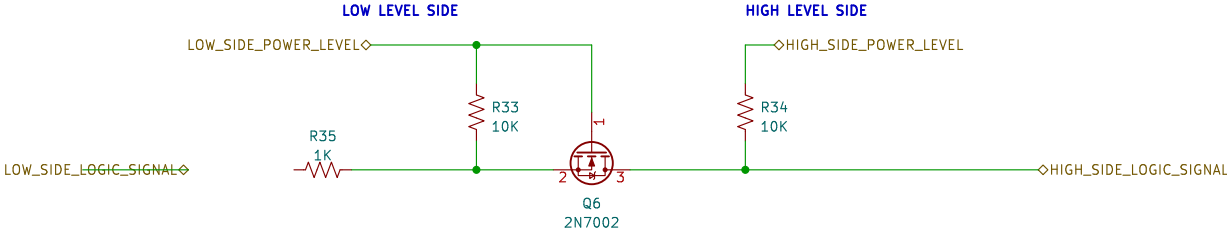
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Rev: REV 2.0.0
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BI-DIRECTIONAL LEVEL TRANSLATOR

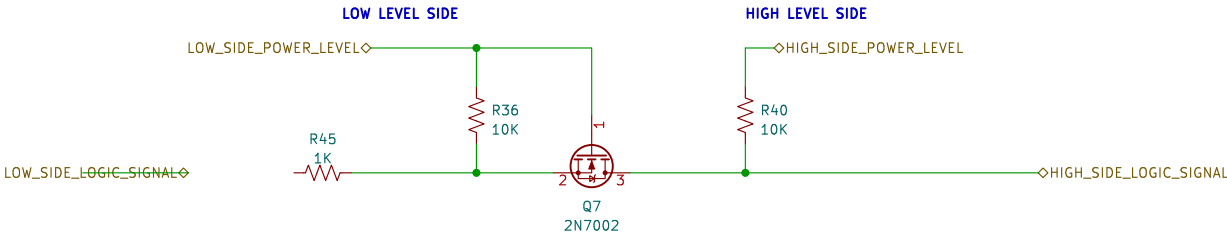
MOSFET - IMPLEMENTATION



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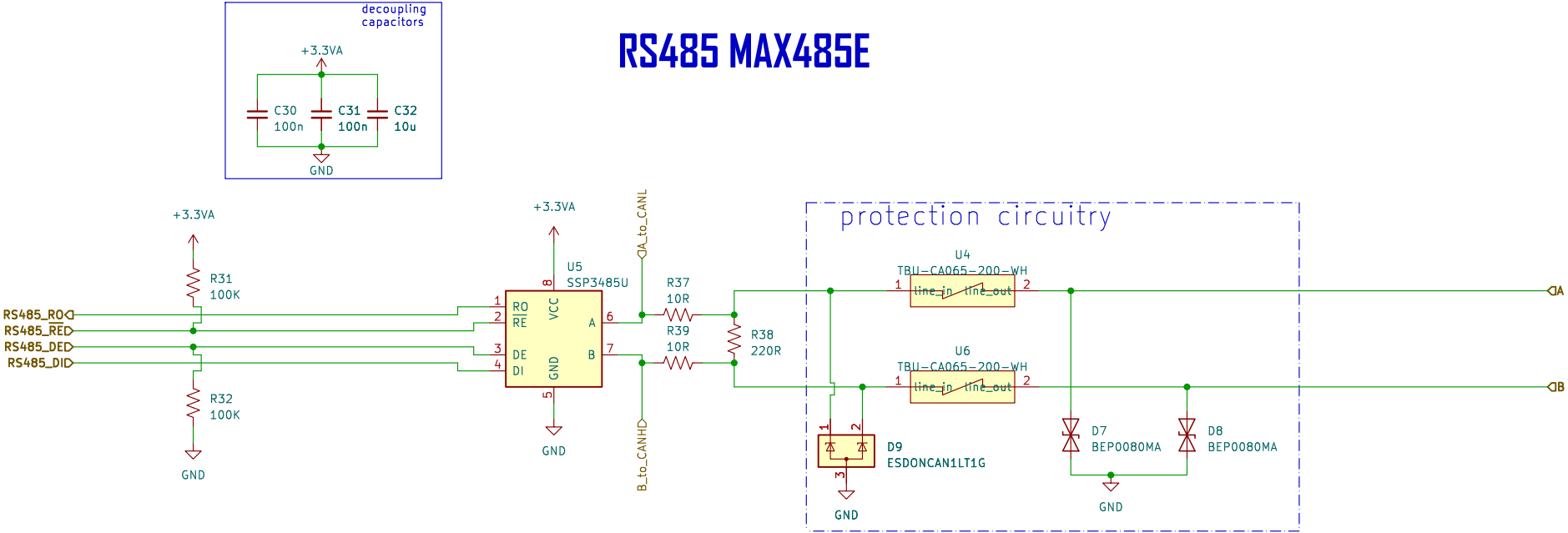
BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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RS485 MAX485

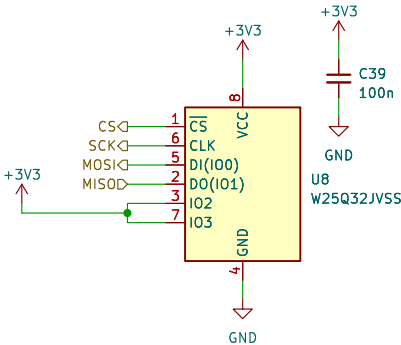


BIM BOARD	
Designed By: Robert Mutura	
Reviewed by: Timothy Kyalo	
GEVITON	
Sheet: /RS485_MAX485/	
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Title: BIM BOARD	
Size: A4	Date: 2023-12-06
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Rev: REV 2.0.0	
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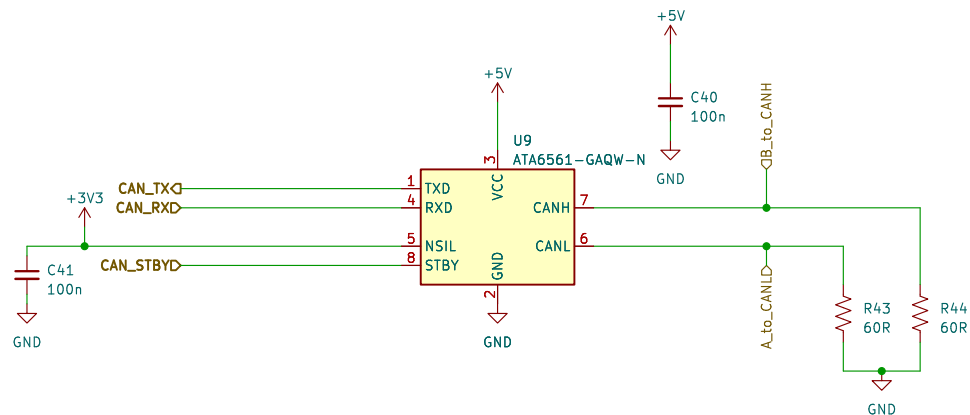
Id: 8/19

FLASH MEMEORY



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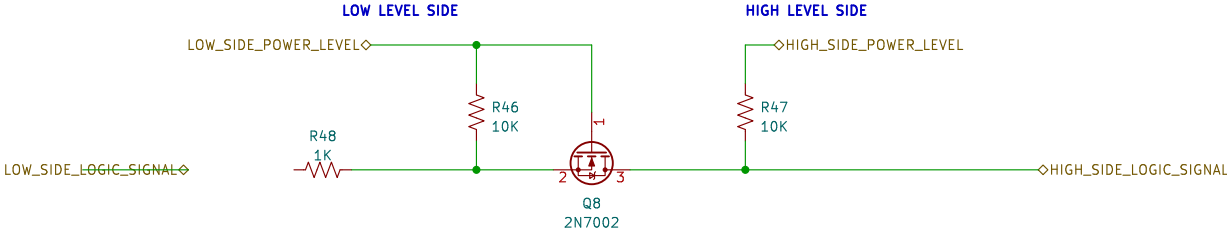
CAN TRANSCEIVER ATA6561



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /CAN_TRANSCEIVER_ATA6561/		
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Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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BI-DIRECTIONAL LEVEL TRANSLATOR

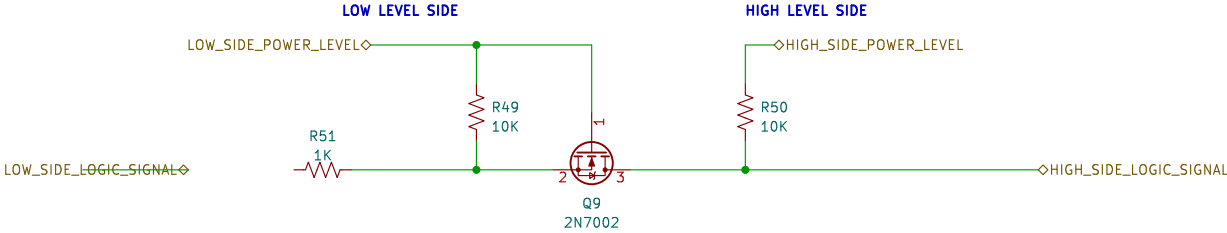
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR/		
File: MOSFET_LOGIC_LEVEL_TRANSLATOR.kicad_sch		
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BI-DIRECTIONAL LEVEL TRANSLATOR

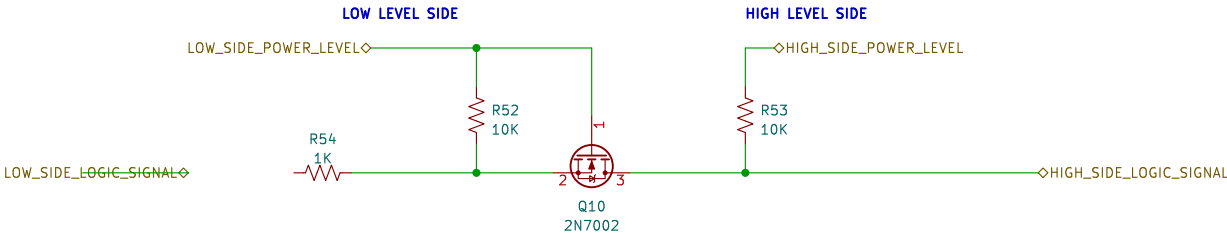
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR5/		
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BI-DIRECTIONAL LEVEL TRANSLATOR

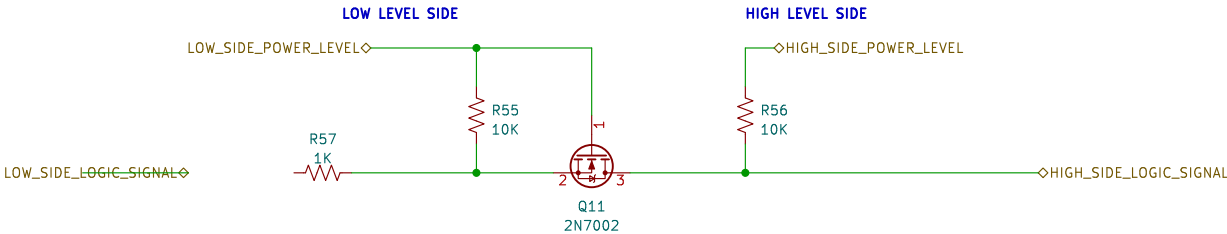
MOSFET - IMPLEMENTATION



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
KiCad E.D.A. kicad 7.0.2		Id: 13/19

BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



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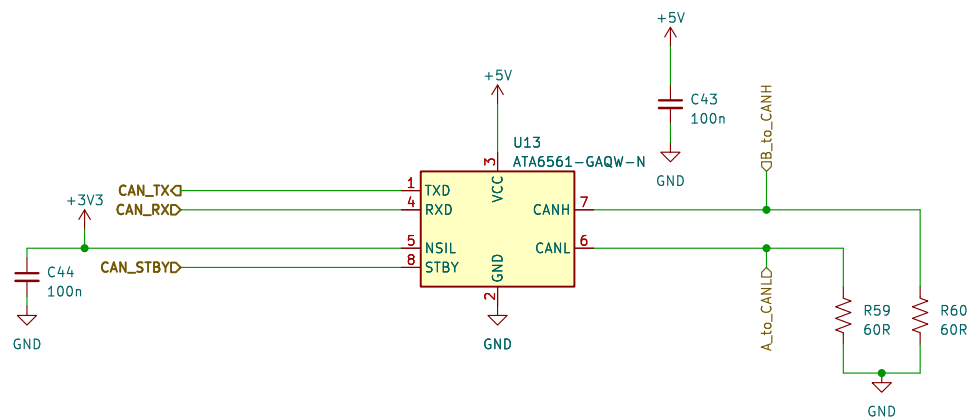
BIM BOARD
Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

GEVITON
Sheet: /RS485_MAX486/
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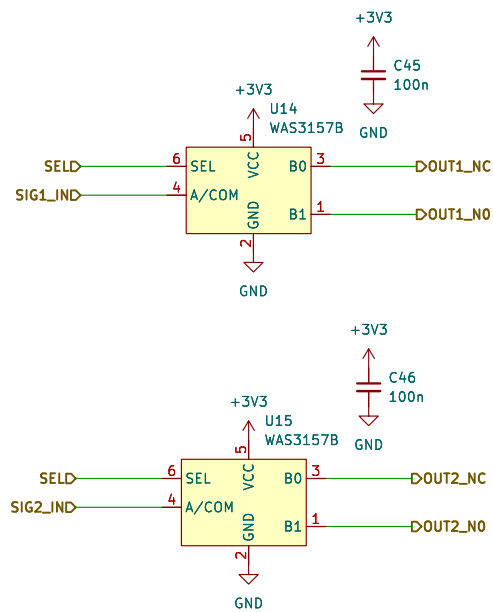
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KiCad E.D.A.	kicad 7.0.2	Id: 15/19

CAN TRANSCEIVER ATA6561



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /CAN_TRANSCEIVER_ATA6562/		
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Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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ANALOG SWITCH / MULTIPLEXER IC



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Title:

Size: A4

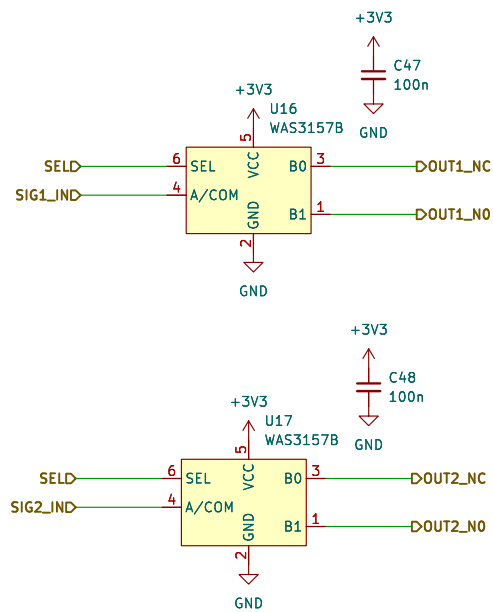
Date:

Rev:

KiCad E.D.A. kicad 7.0.2

Id: 17/19

ANALOG SWITCH / MULTIPLEXER IC



Sheet: /MULTIPLEXER_SWITCH_WAS3157B-7/
File: MULTIPLEXER_SWITCH_WAS3157B-6.kicad_sch

Title:

Size: A4

Date:

Rev:

KiCad E.D.A. kicad 7.0.2

Id: 18/19

