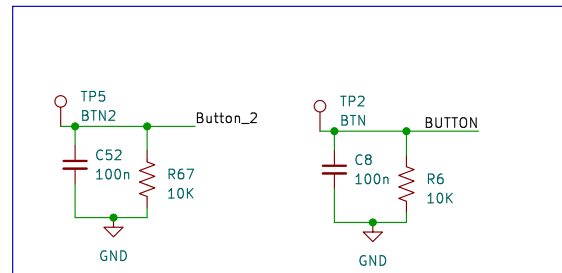
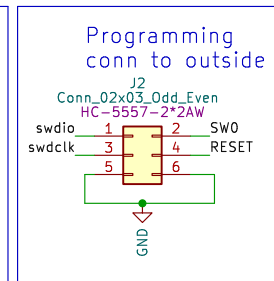
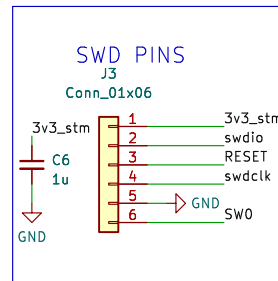
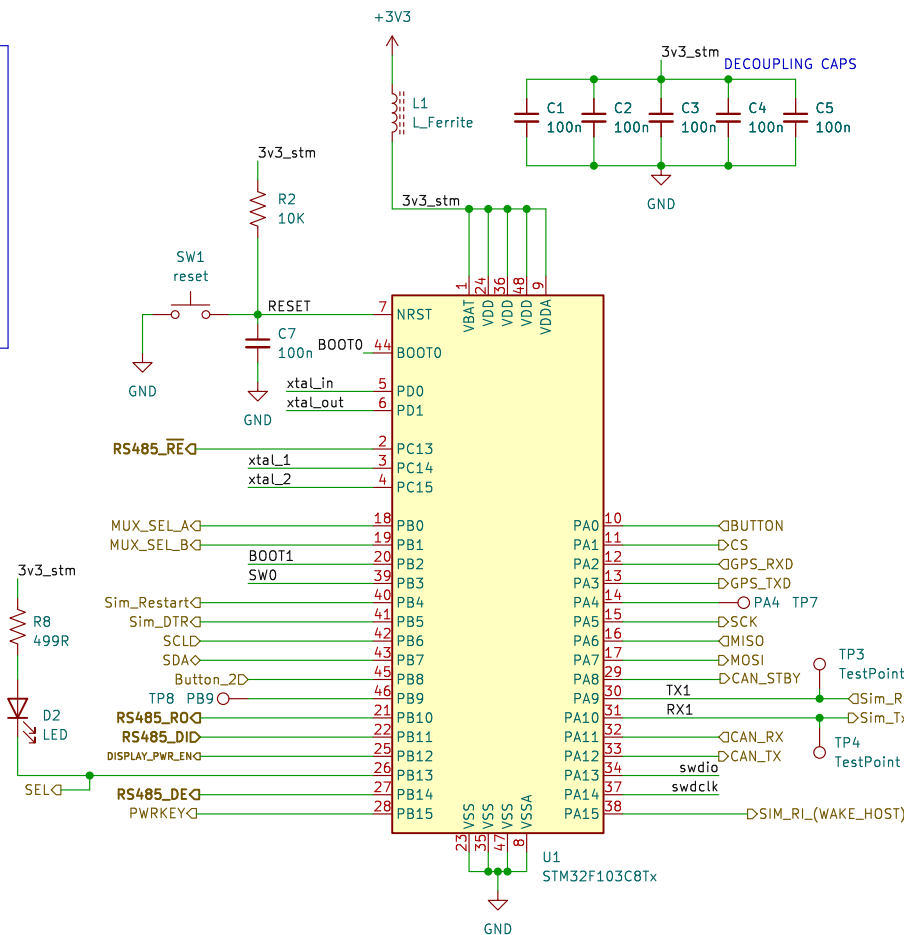
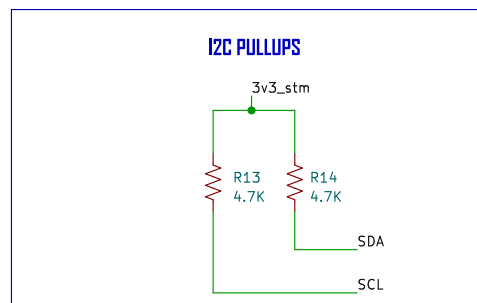
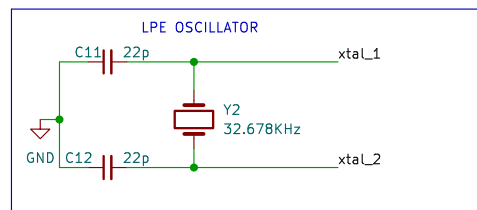
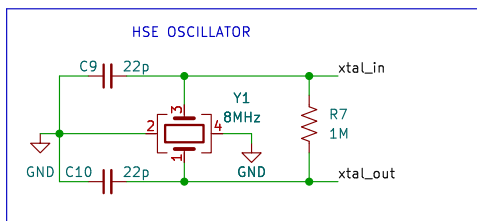
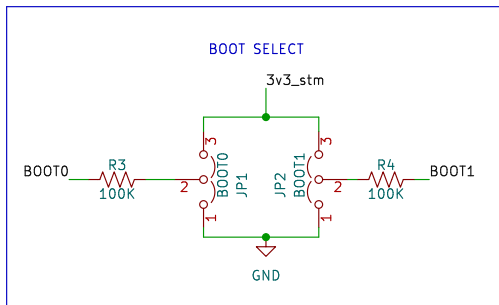


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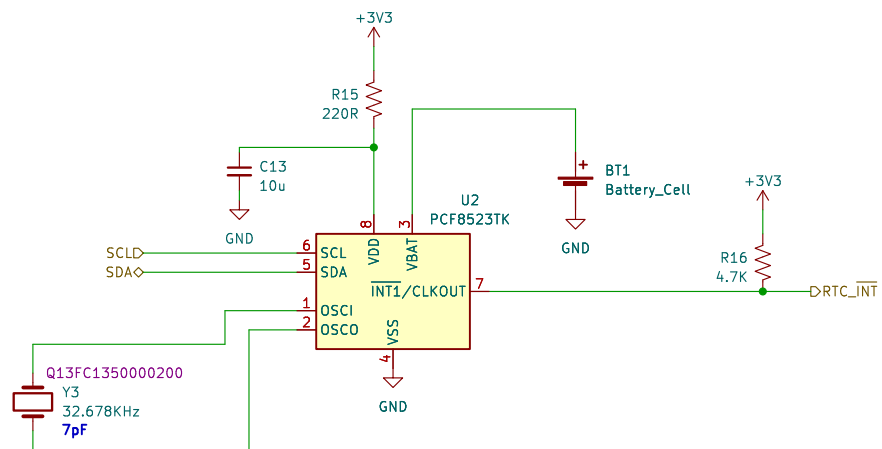


- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

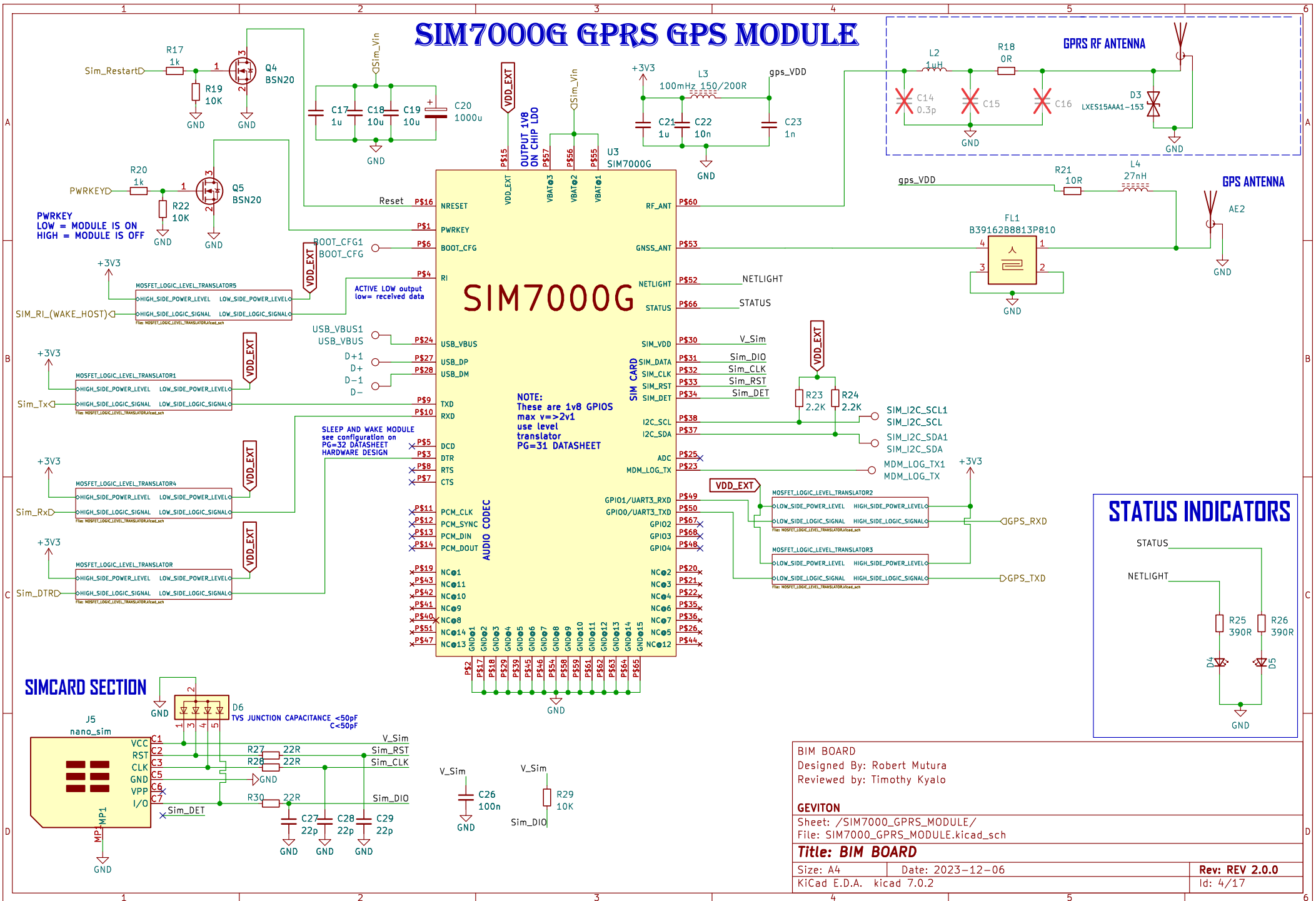
BIM BOARD	
Designed By: Robert Mutura	
Reviewed by: Timothy Kyalo	
GEVITON	
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Title: BIM BOARD	
Size: A4	Date: 2023-12-06
KiCad E.D.A. kicad 7.0.2	Rev: REV 2.0.0
	Id: 2/17

PCF8523

RTC IC



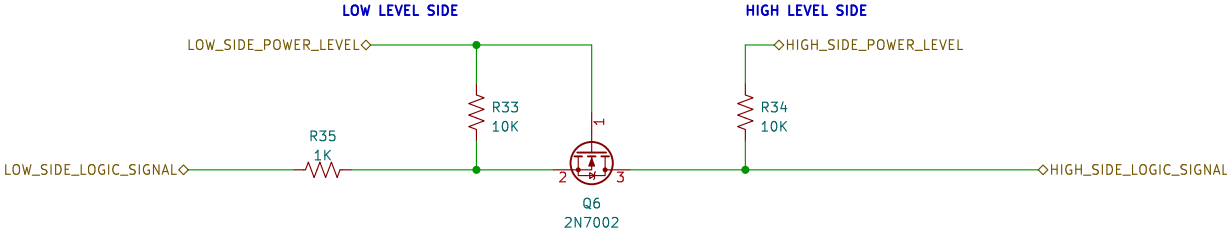
BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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Title: BIM BOARD		
Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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Rev: REV 2.0.0
Id: 4/17

BI-DIRECTIONAL LEVEL TRANSLATOR

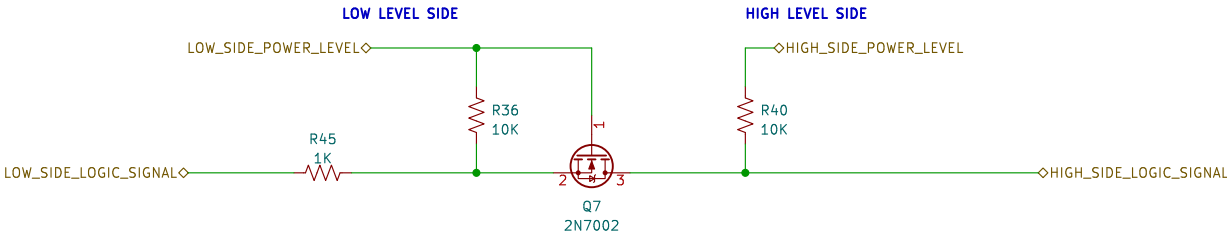
MOSFET - IMPLEMENTATION



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: 5/17

BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR3/		
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KiCad E.D.A. kicad 7.0.2		Id: 6/17



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

GEVITON

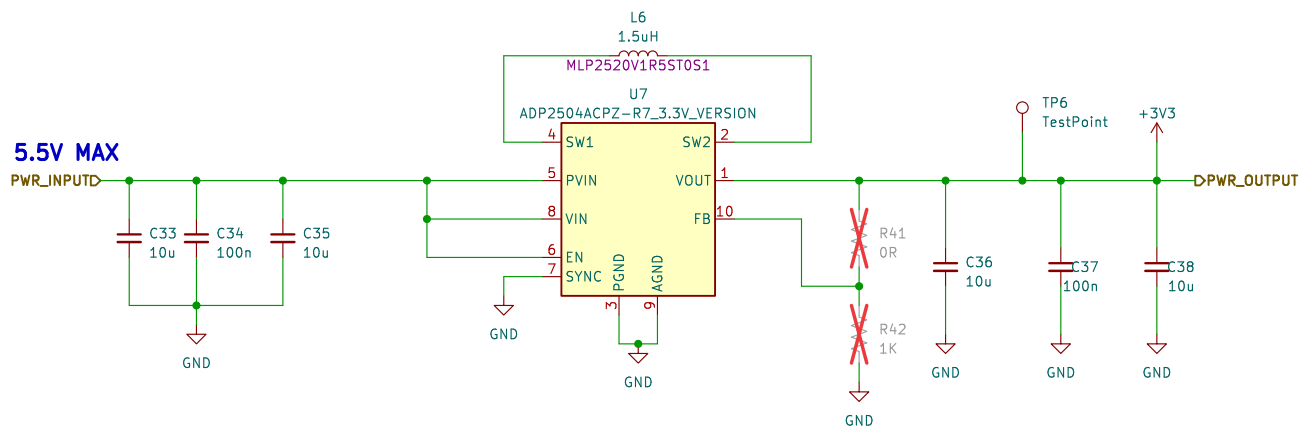
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Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A.	kicad 7.0.2	Id: 7/17

ADP2504ACPZ-R7

BUCK BOOST CONVERTER 1A



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

GEVITON

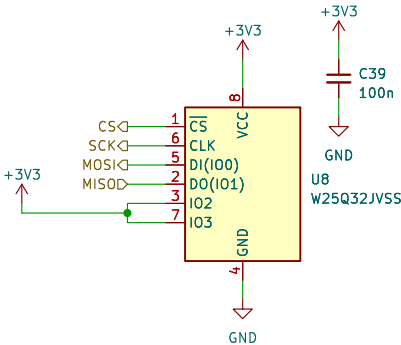
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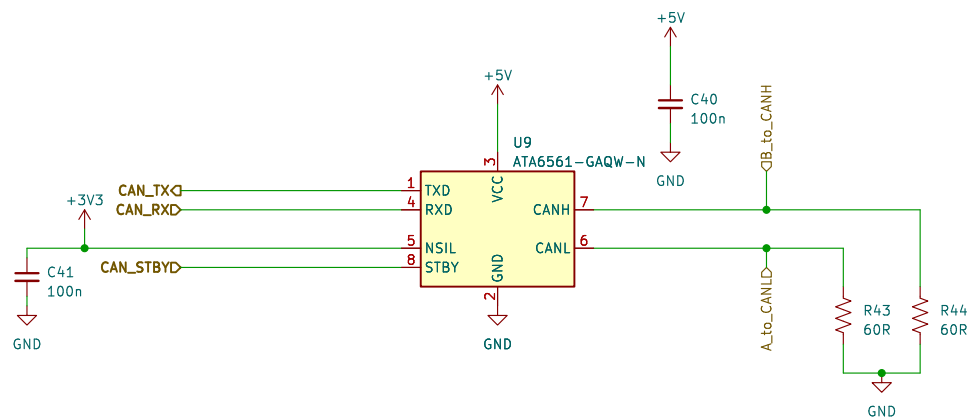
Rev: REV 2.0.0
Id: 8/17

FLASH MEMEORY



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
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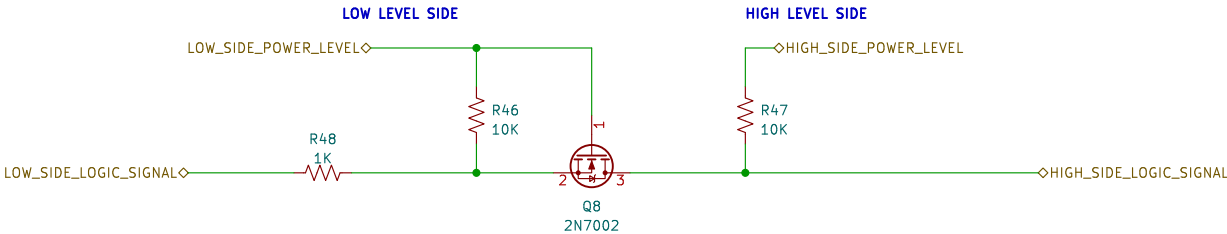
CAN TRANSCEIVER
ATA6561



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

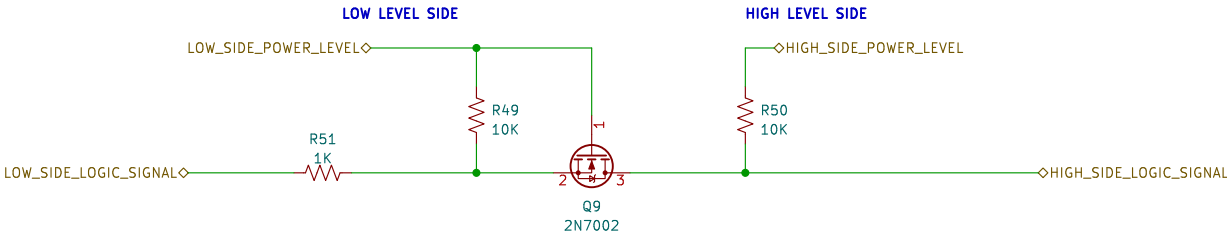
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR/		
File: MOSFET_LOGIC_LEVEL_TRANSLATOR.kicad_sch		
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KiCad E.D.A. kicad 7.0.2		Id: 11/17

BI-DIRECTIONAL LEVEL TRANSLATOR

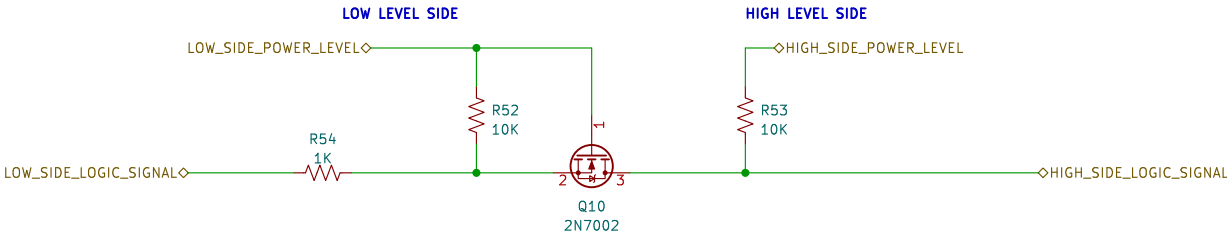
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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KiCad E.D.A. kicad 7.0.2		Id: 12/17

BI-DIRECTIONAL LEVEL TRANSLATOR

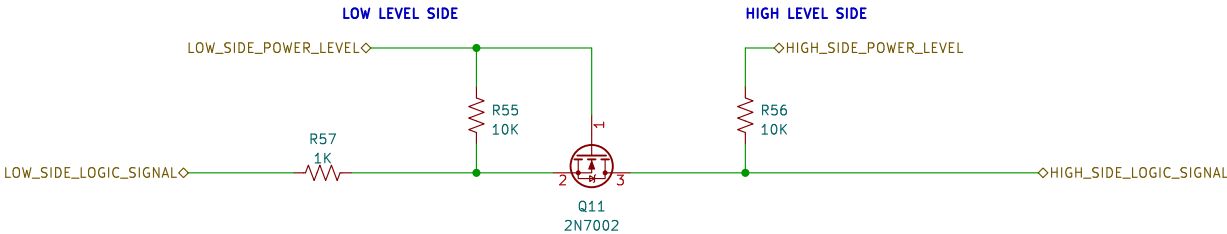
MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
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KiCad E.D.A. kicad 7.0.2		Id: 13/17

BI-DIRECTIONAL LEVEL TRANSLATOR

MOSFET - IMPLEMENTATION



BIM BOARD		
Designed By: Robert Mutura		
Reviewed by: Timothy Kyalo		
GEVITON		
Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR4/		
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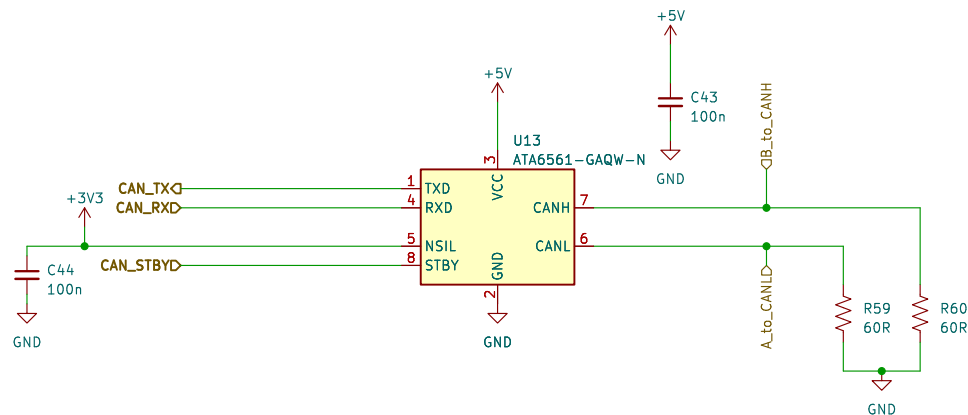
BIM BOARD
Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

GEVITON
Sheet: /RS485_MAX486/
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Title: BIM BOARD

Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
KiCad E.D.A.	kicad 7.0.2	Id: 15/17

CAN TRANSCEIVER ATA6561



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 7.0.2		Id: 16/17



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

GEVITON
Sheet: /RS485_MAX487/
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Title: BIM BOARD

Size: A4	Date: 2023-12-06	Rev: REV 2.0.0
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