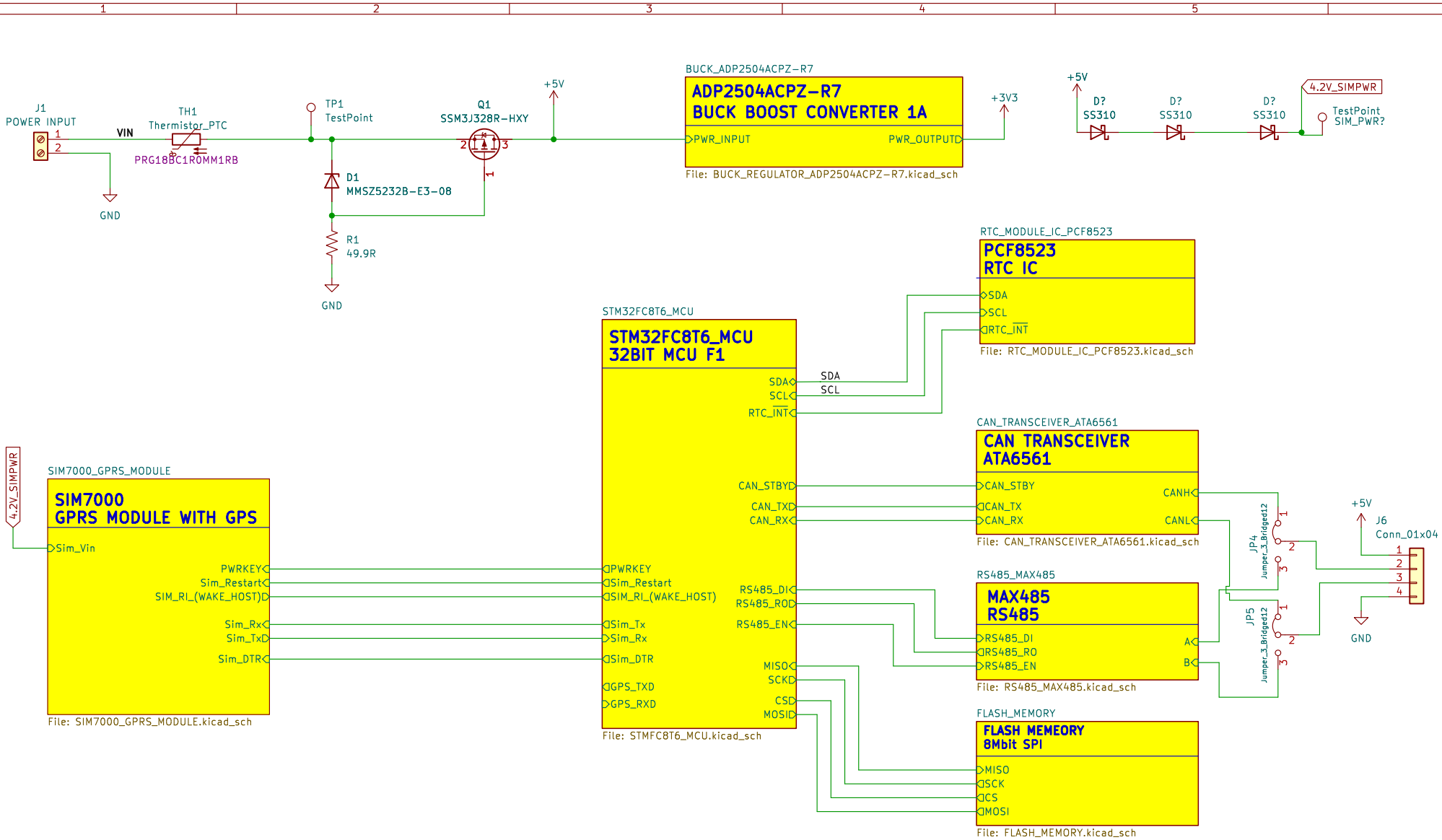

BIM BOARD
Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

GEVITON

Sheet: /
File: BIM_PCB.kicad_sch

Title: BIM BOARD

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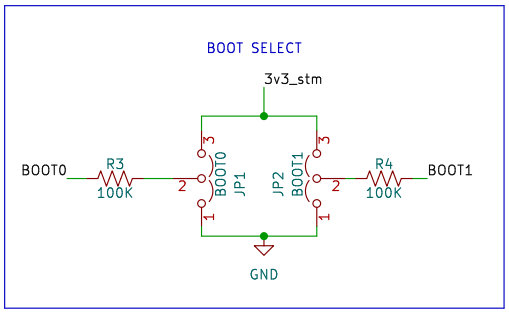
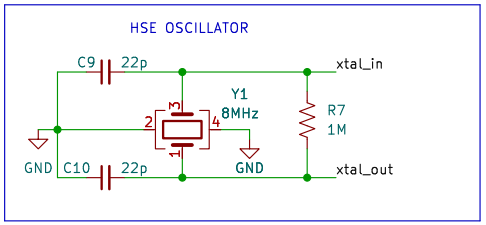
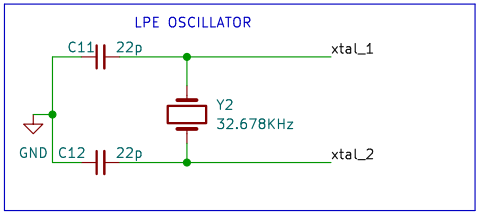
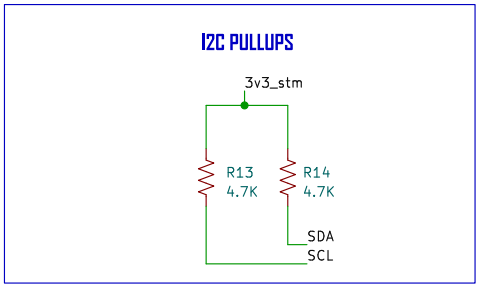
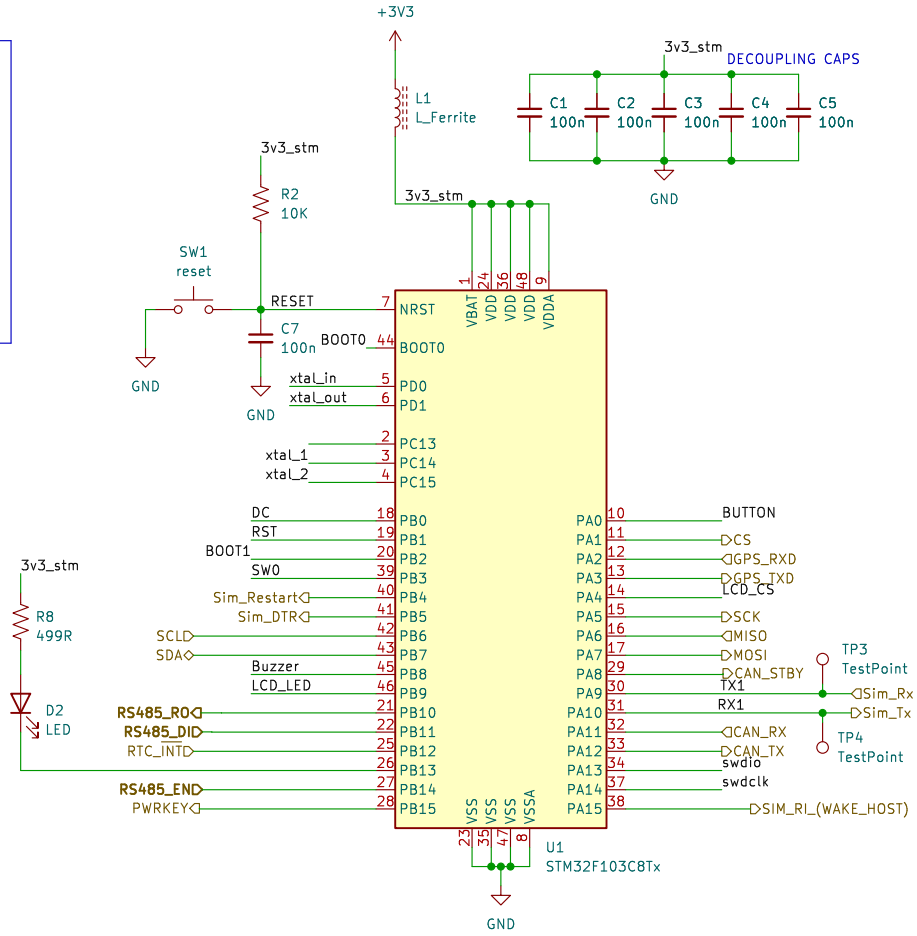
STM32F103C8T6 MCU

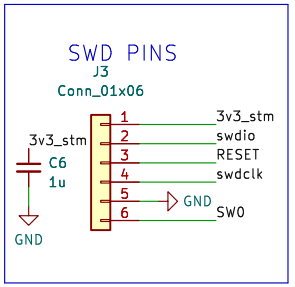


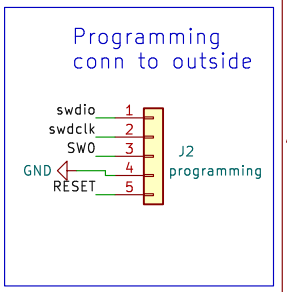


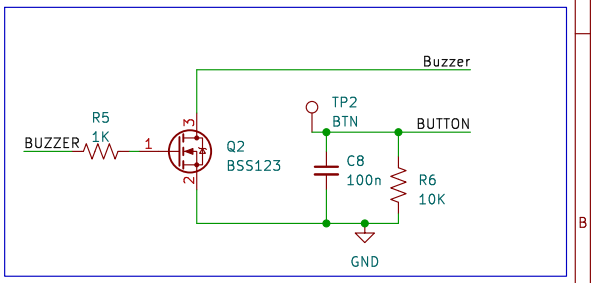


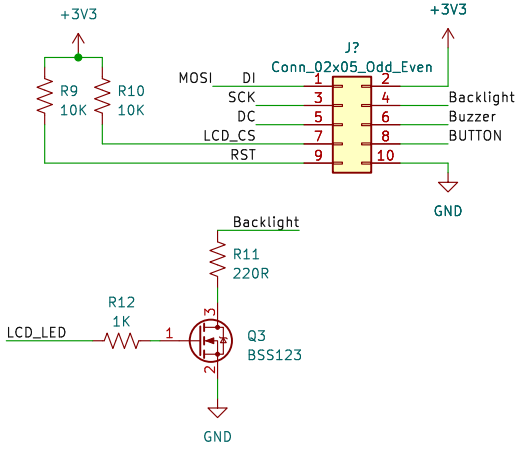












BIM BOARD
Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

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Sheet: /STM32FC8T6_MCU/
File: STMFC8T6_MCU.kicad_sch

Title: BIM BOARD

Size: A4	Date: 2023-12-06	**Rev: REV 2.0.0**
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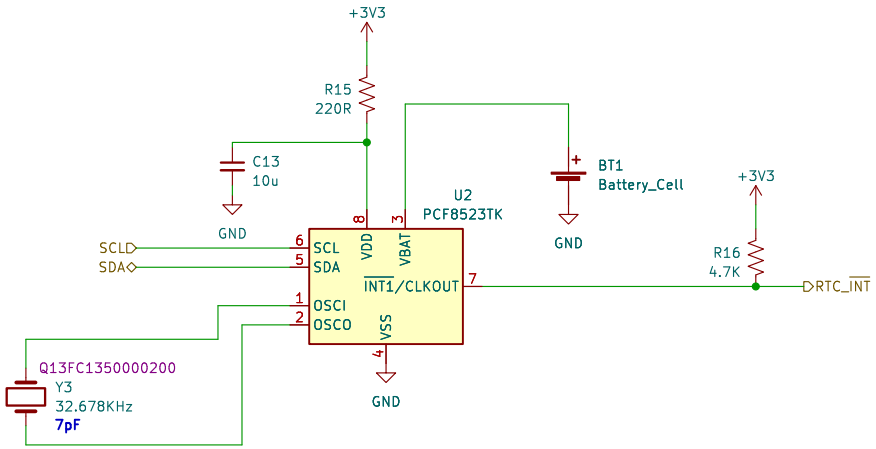
PCF8523
RTC IC



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Sheet: /RTC_MODULE_IC_PCF8523/
File: RTC_MODULE_IC_PCF8523.kicad_sch

Title: BIM BOARD

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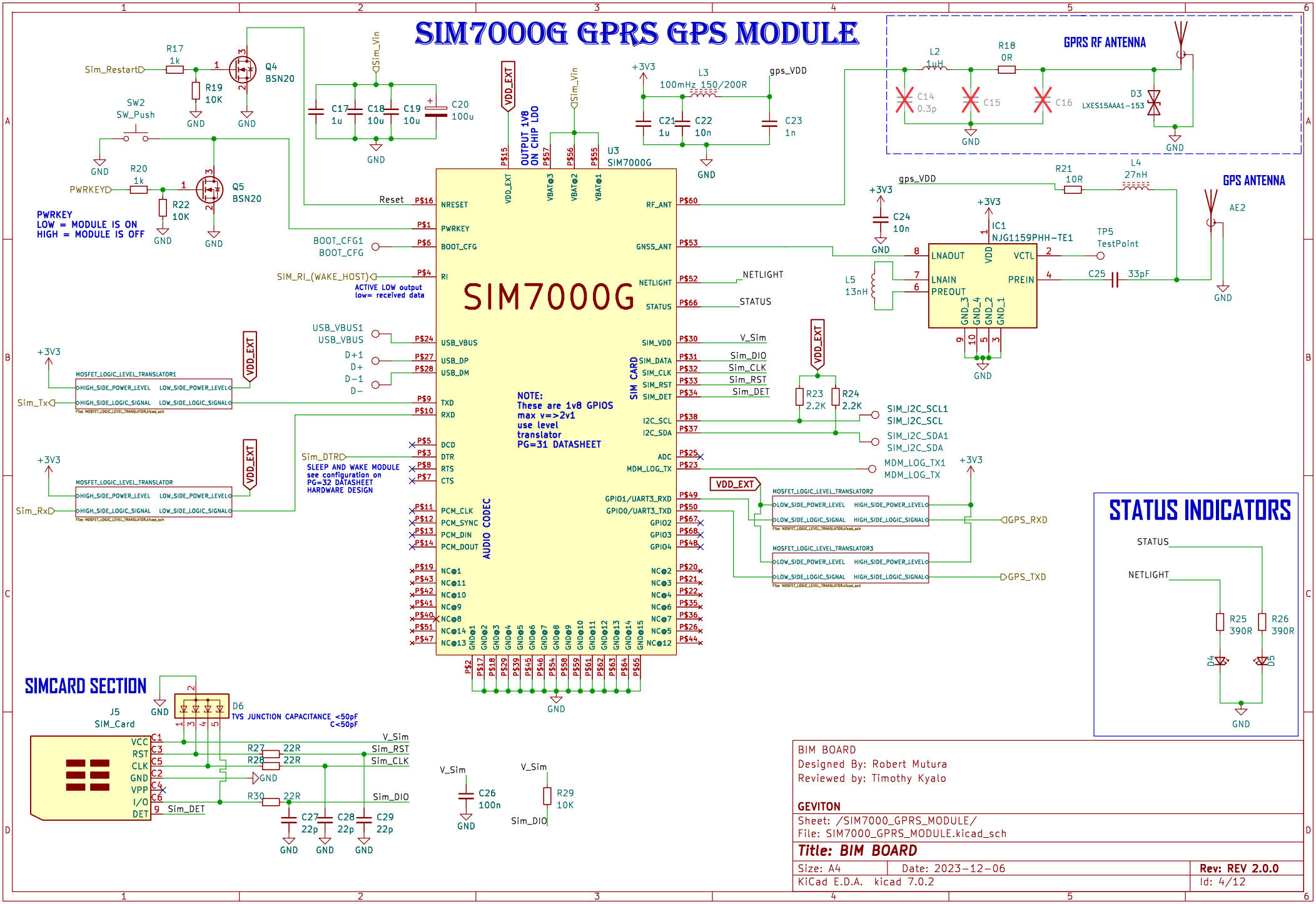
KiCad E.D.A. kicad 7.0.2		Id: 3/12

SIM7000G GPRS GPS MODULE



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Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.2		Id: 5/12

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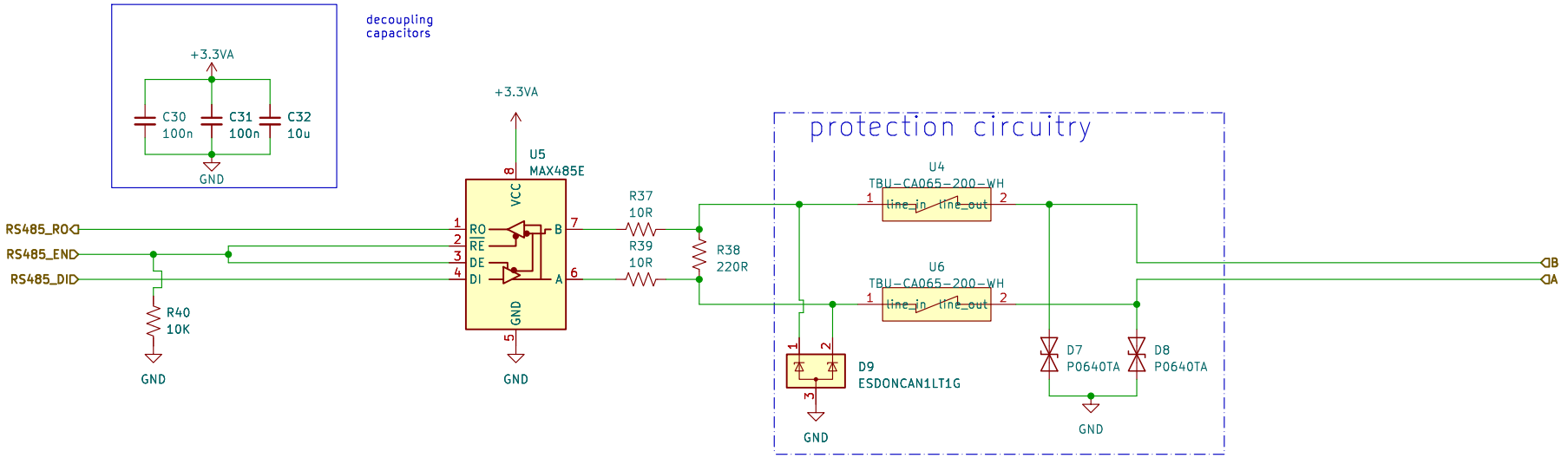
KiCad E.D.A. kicad 7.0.2		Id: 6/12

RS485 MAX485E



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Reviewed by: Timothy Kyalo	
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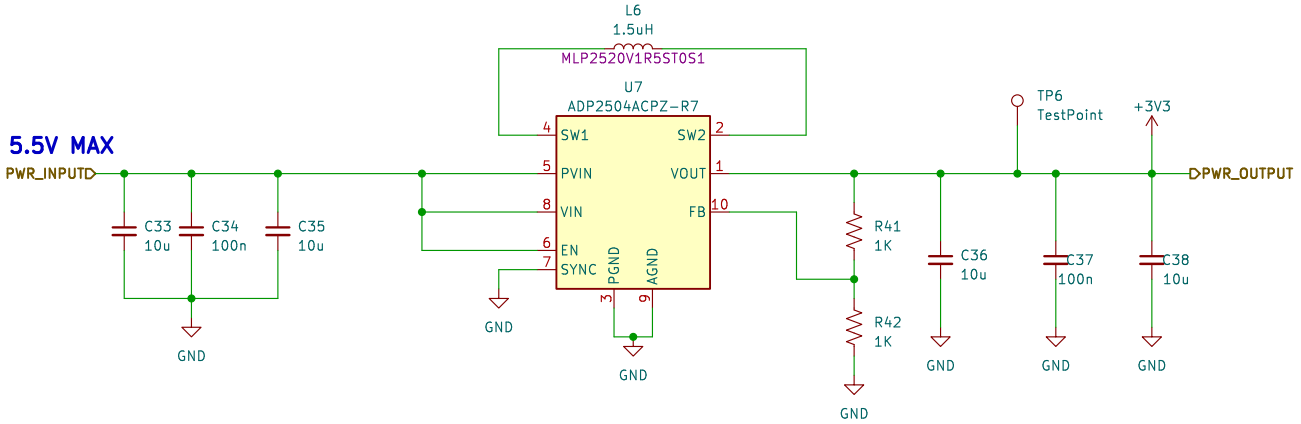
Sheet: /RS485_MAX485/	
File: RS485_MAX485.kicad_sch	
Title: BIM BOARD	
Size: A4	Date: 2023-12-06
KiCad E.D.A. kicad 7.0.2	Id: 7/12
	Rev: REV 2.0.0

ADP2504ACPZ-R7
BUCK BOOST CONVERTER 1A



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Sheet: /BUCK_ADP2504ACPZ-R7/
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Title: BIM BOARD

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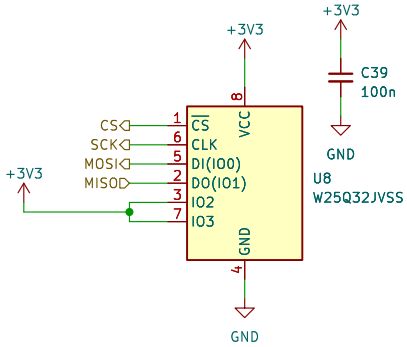
KiCad E.D.A. kicad 7.0.2		Id: 8/12

FLASH MEMEORY



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

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Sheet: /FLASH_MEMORY/
File: FLASH_MEMORY.kicad_sch

Title: BIM BOARD

Size: A4	Date: 2023-12-06	**Rev: REV 2.0.0**
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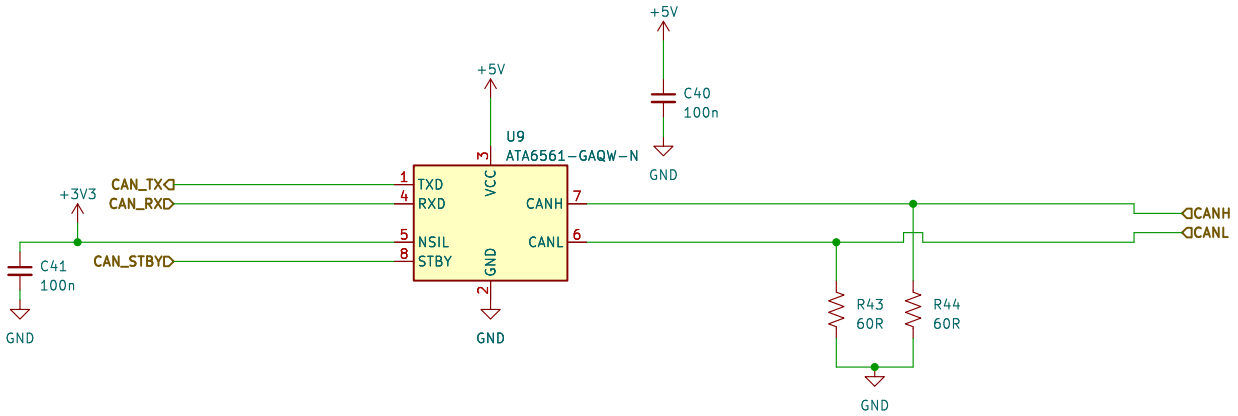
CAN TRANSCEIVER
ATA6561



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Designed By: Robert Mutura
Reviewed by: Timothy Kyalo

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Sheet: /CAN_TRANSCEIVER_ATA6561/
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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: 10/12

Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR1/
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Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.2		Id: 11/12

Sheet: /SIM7000_GPRS_MODULE/MOSFET_LOGIC_LEVEL_TRANSLATOR/
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Title:

Size: A4	Date:	**Rev:**
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