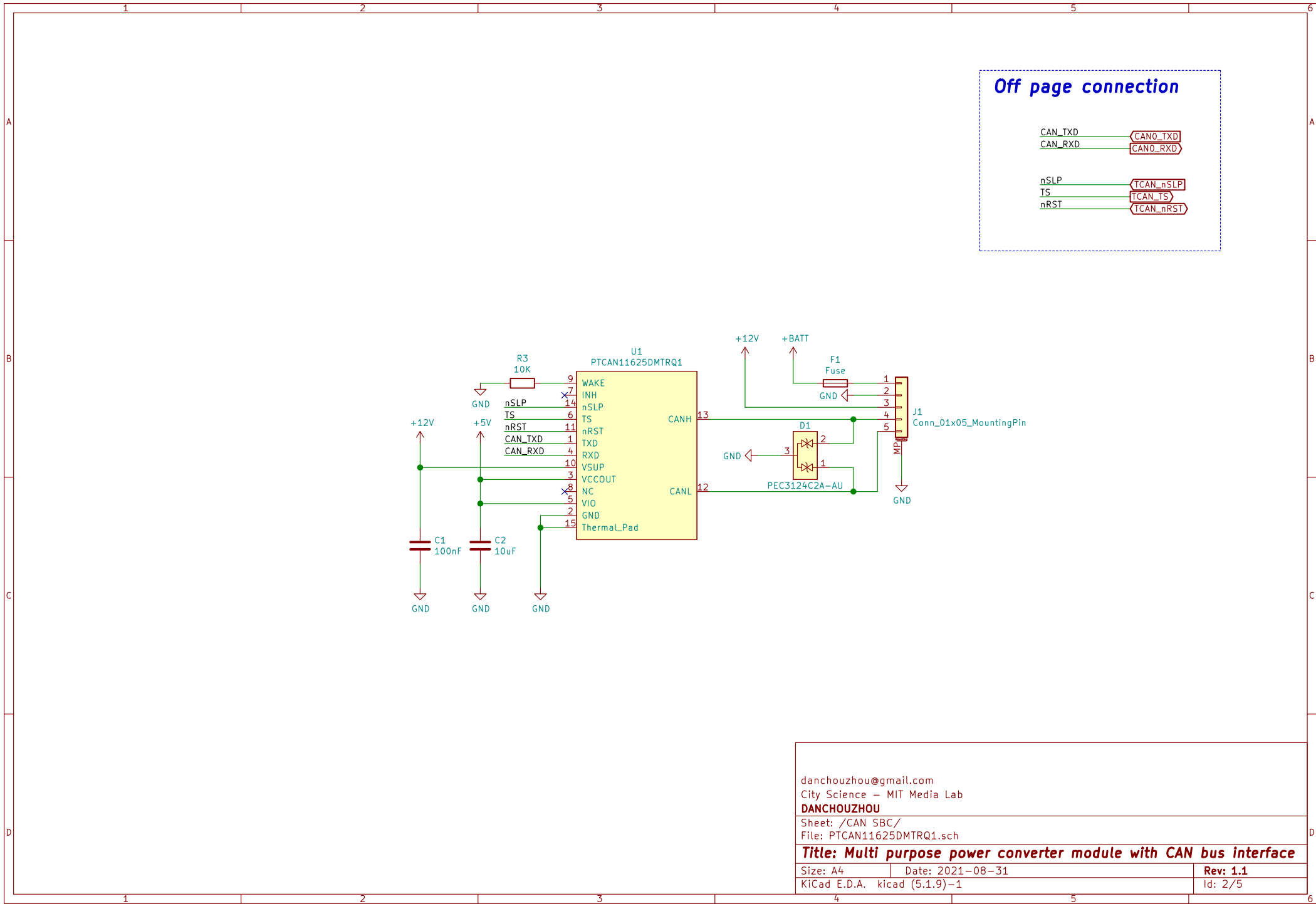
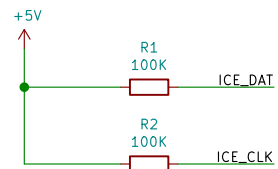


	1	2	3	4	5	6						
A	<div>Sheet: CAN_SBC</div> <div>File: TCAN1162x-Q1/PTCAN11625DMTRQ1.sch</div>		<div>Sheet: Synchronous_rectification_buck</div> <div>File: SYNC_BUCK/synchronous_buck.sch</div>									
B	<div>Sheet: Power</div> <div>File: MPQ4569/MPQ4569GQ-AEC1-Z.sch</div>											
C	<div>Sheet: MCU</div> <div>File: M0A21/M0A23_TSSOP28.sch</div>											
D			<div>danchouzhou@gmail.com City Science - MIT Media Lab <b>DANCHOUZHOU</b> Sheet: / File: ledCAN.sch</div> <div><b>Title: Multi purpose power converter module with CAN bus interface</b></div> <table><tr><td>Size: A4</td><td>Date: 2021-08-31</td><td>Rev: 1.1</td></tr><tr><td colspan="2">KiCad E.D.A. kicad (5.1.9)-1</td><td>Id: 1/5</td></tr></table>		Size: A4	Date: 2021-08-31	Rev: 1.1	KiCad E.D.A. kicad (5.1.9)-1		Id: 1/5		
Size: A4	Date: 2021-08-31	Rev: 1.1										
KiCad E.D.A. kicad (5.1.9)-1		Id: 1/5										
	1	2	3	4	5	6						



## ICE Interface

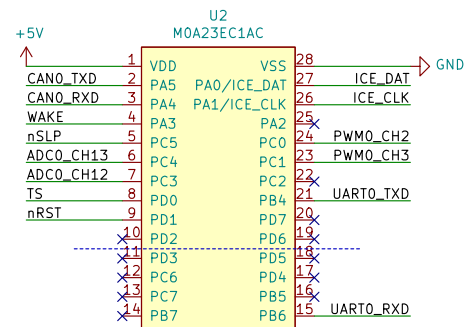
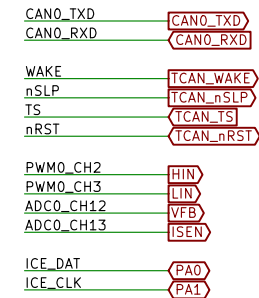
## ICE pull-up



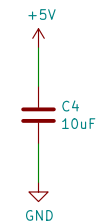
## Reset

PTS820J15MSMTRLFS

## Off page connection



## Bulk capacitor

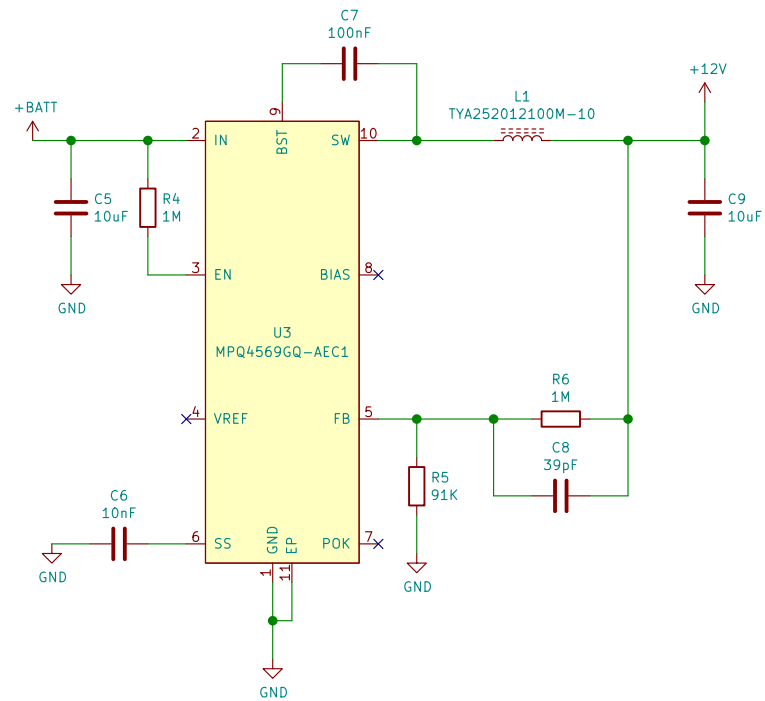


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Sheet: /MCU/  
File: M0A23\_TSSOP28.sch

**Title: Multi purpose power converter module with CAN bus interface**

Size: A4 Date: 2021-08-31  
KiCad E.D.A. kicad (5.1.9)-1

Rev: 1.1  
Id: 3/5

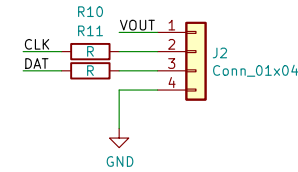


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**DANCHOUZHOU**  
Sheet: /Power/  
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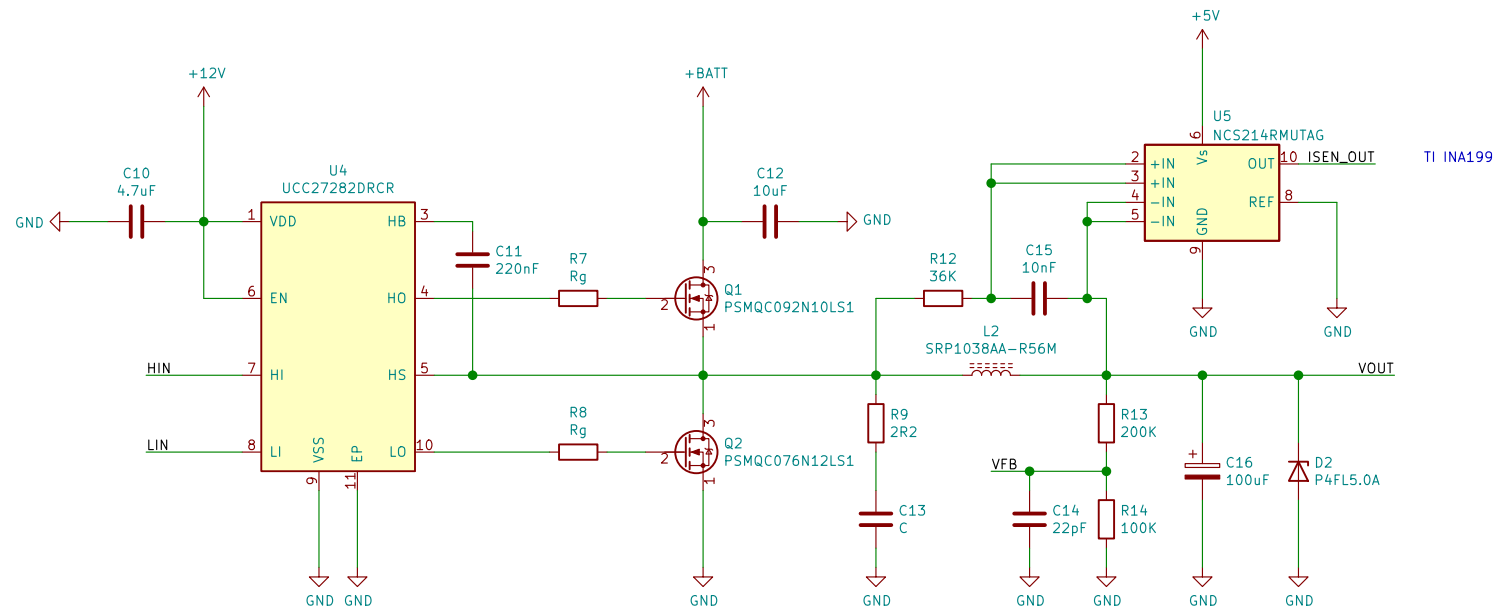
**Title: Multi purpose power converter module with CAN bus interface**

Size: A4	Date: 2021-08-31	Rev: 1.1
KiCad E.D.A. kicad (5.1.9)-1	Id: 4/5	

## IO connector



## Off page connection



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Sheet: /Synchronous rectification buck/

File: synchronous\_buck.sch

**Title: Multi purpose power converter module with CAN bus interface**

Size: A4 Date: 2021-08-31

KiCad E.D.A. kicad (5.1.9)-1

Rev: 1.1

Id: 5/5