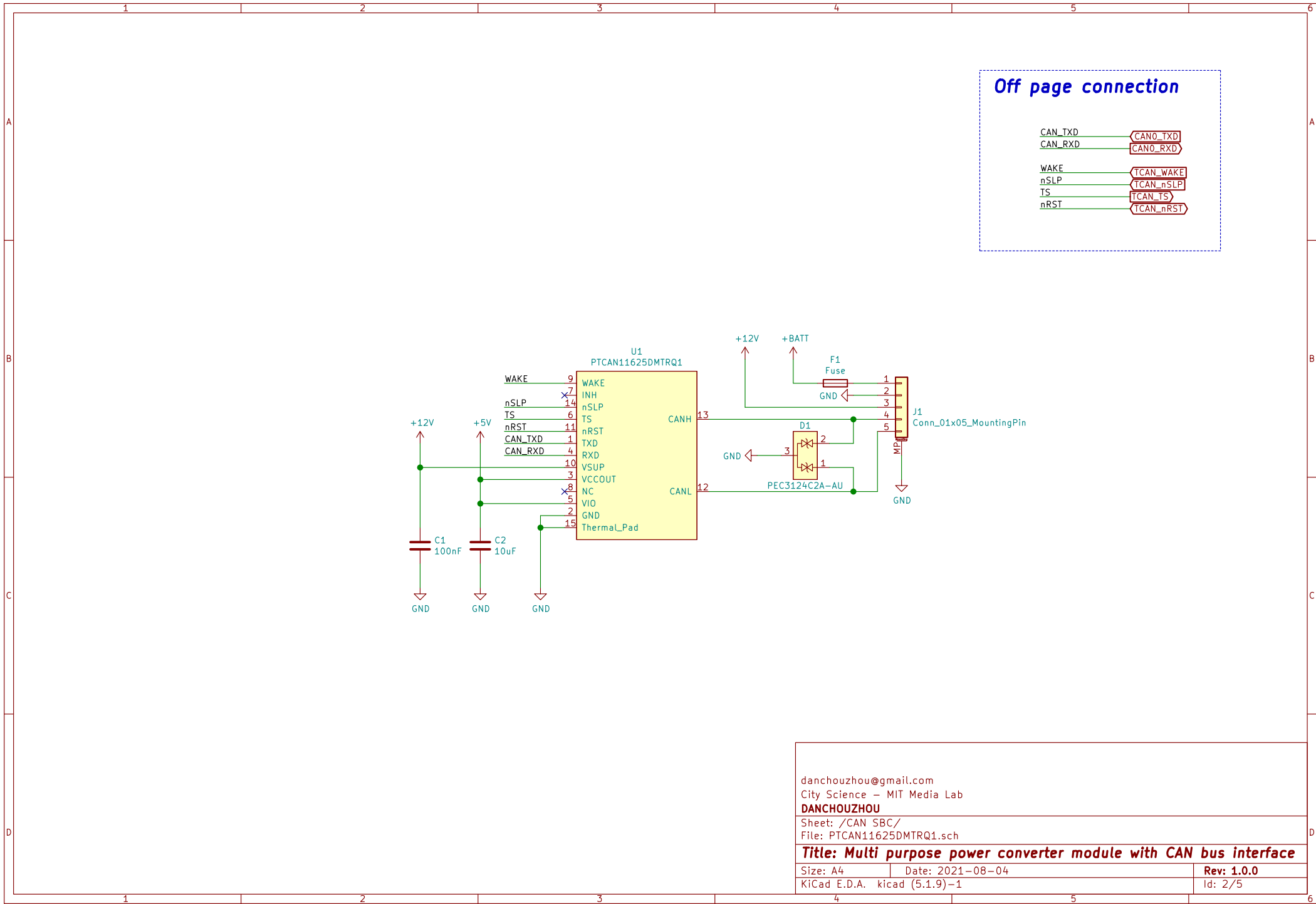
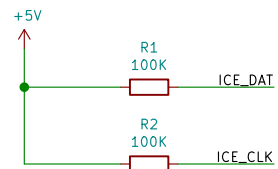


	1	2	3	4	5	6						
A	<div>Sheet: CAN_SBC</div> <div>File: TCAN1162x-Q1/PTCAN11625DMTRQ1.sch</div>		<div>Sheet: Synchronous_rectification_buck</div> <div>File: SYNC_BUCK/synchronous_buck.sch</div>									
B	<div>Sheet: Power</div> <div>File: MPQ4569/MPQ4569GQ-AEC1-Z.sch</div>											
C	<div>Sheet: MCU</div> <div>File: M0A21/M0A23_TSSOP28.sch</div>											
D			<div>danchouzhou@gmail.com City Science - MIT Media Lab DANCHOUZHOU Sheet: / File: ledCAN.sch</div> <div>Title: Multi purpose power converter module with CAN bus interface</div> <table><tr><td>Size: A4</td><td>Date: 2021-08-04</td><td>Rev: 1.0.0</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: 2021-08-04	Rev: 1.0.0	KiCad E.D.A. kicad (5.1.9)-1		Id: 1/5		
Size: A4	Date: 2021-08-04	Rev: 1.0.0										
KiCad E.D.A. kicad (5.1.9)-1		Id: 1/5										
	1	2	3	4	5	6						



ICE Interface

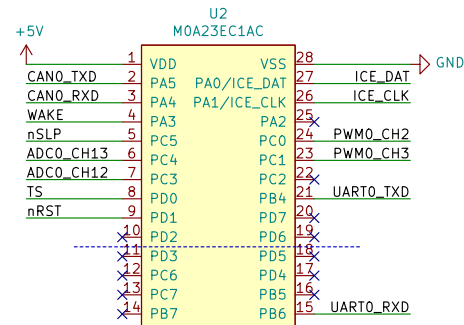
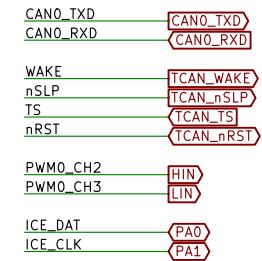
ICE pull-up



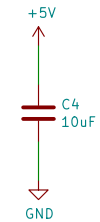
Reset

PTS820J15MSMTRLFS

Off page connection



Bulk capacitor



danchouzhou@gmail.com
City Science - MIT Media Lab

DANCHOUZHOU

Sheet: /MCU/
File: M0A23_TSSOP28.sch

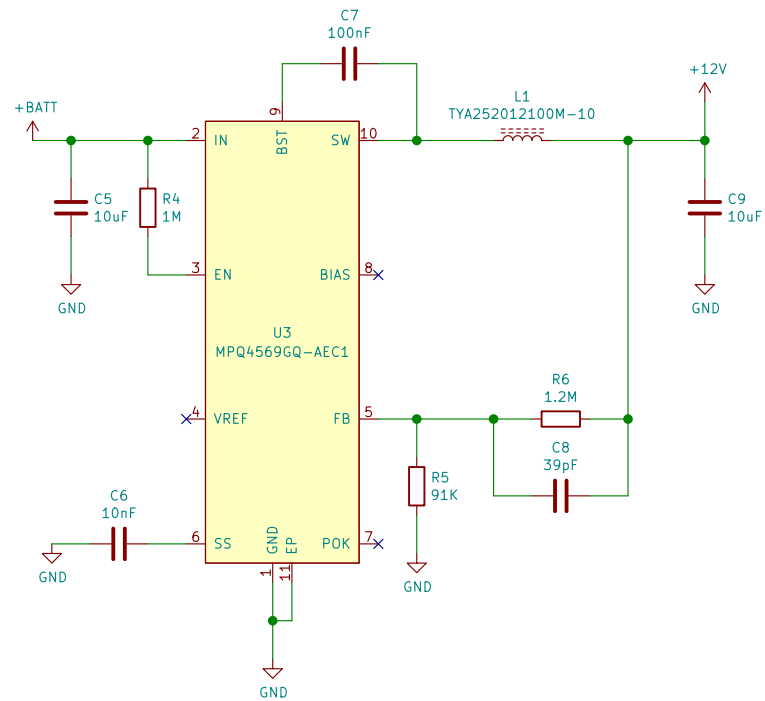
Title: Multi purpose power converter module with CAN bus interface

Size: A4 Date: 2021-08-04

Rev: 1.0.0

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

Id: 3/5

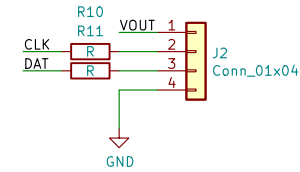


danchouzhou@gmail.com
City Science - MIT Media Lab
DANCHOUZHOU
Sheet: /Power/
File: MPQ4569GQ-AEC1-Z.sch

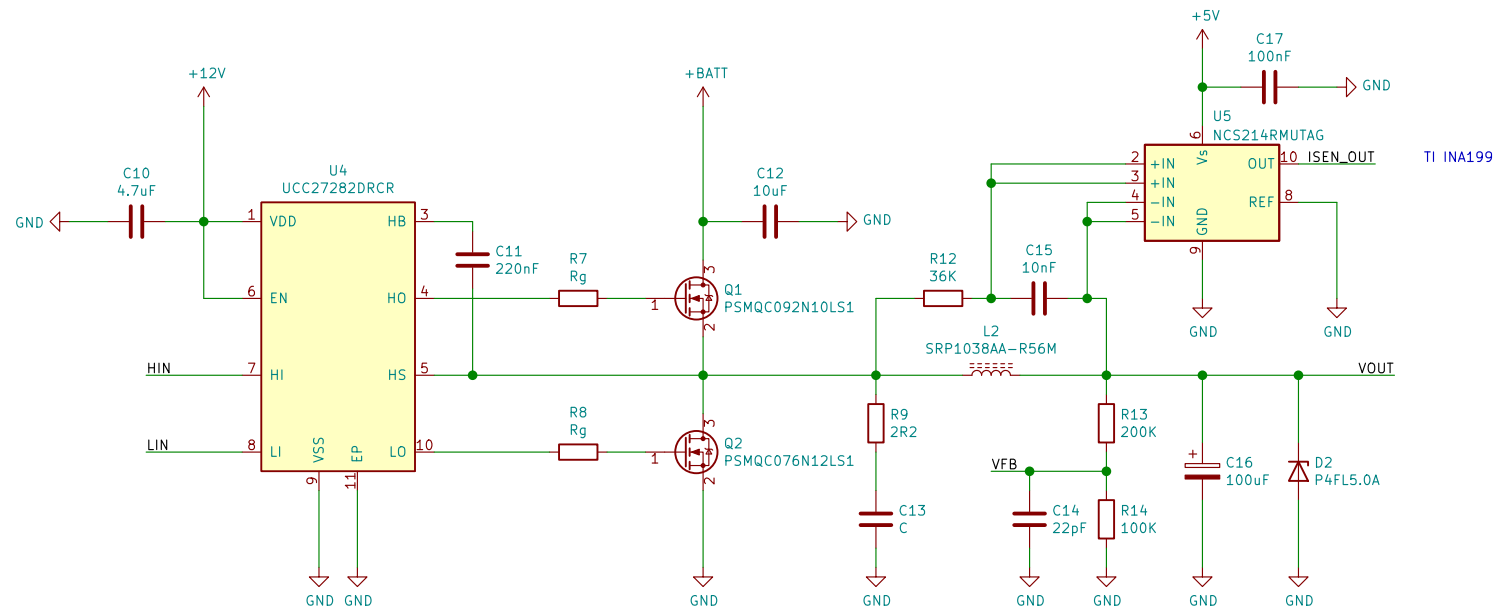
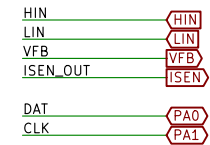
Title: Multi purpose power converter module with CAN bus interface

Size: A4	Date: 2021-08-04	Rev: 1.0.0
KiCad E.D.A. kicad (5.1.9)-1	Id: 4/5	

IO connector



Off page connection



danchouzhou@gmail.com

City Science - MIT Media Lab

DANCHOUZHOU

Sheet: /Synchronous rectification buck/

File: synchronous_buck.sch

Title: Multi purpose power converter module with CAN bus interface

Size: A4 Date: 2021-08-04

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

Rev: 1.0.0

Id: 5/5