

1	2	3	4	5	6
A					
B					
C					
D					

Sheet: Connect



File: C10con.sch

Sheet: CPU



File: C10cpu.sch

Sheet: USB

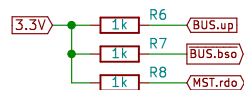
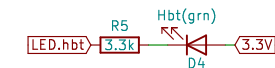
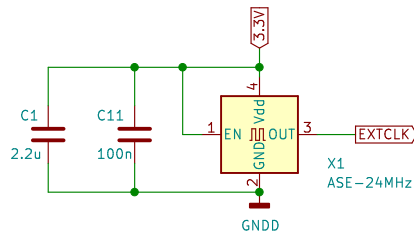
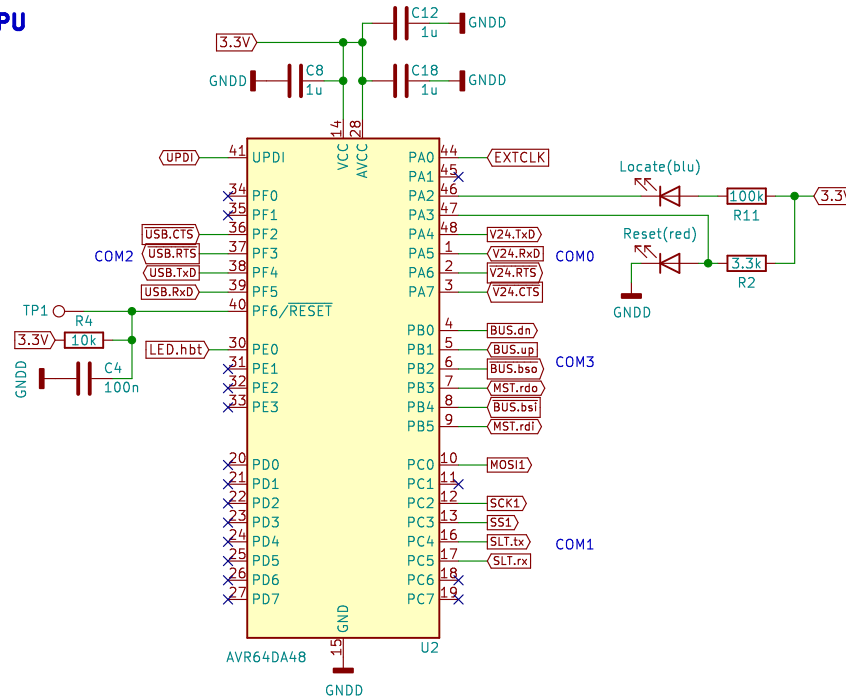


File: C10usb.sch

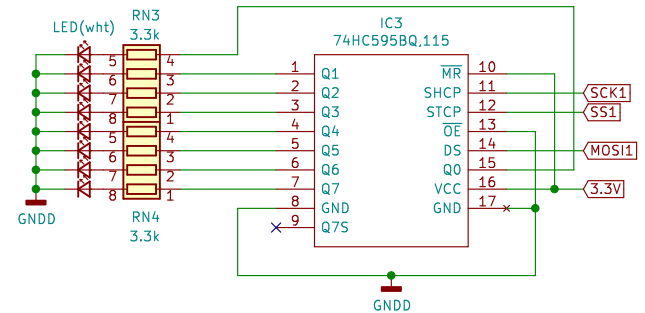
Bus Master /w USB		
Frank Schumacher		
Sheet: /		
File: C10.sch		
Title: RTB C10 Module		
Size: A4	Date: 2023-10-22	Rev: 2
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/4

# CPU

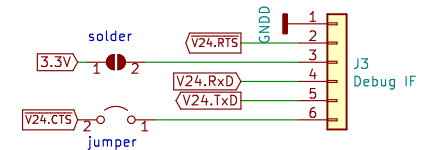
## CPU



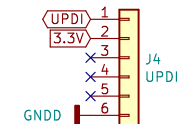
## Nightrider LEDs



## V24 debug IF



## UPDI



Bus Master /w USB  
**Frank Schumacher**

Sheet: /CPU/  
 File: C10cpu.sch

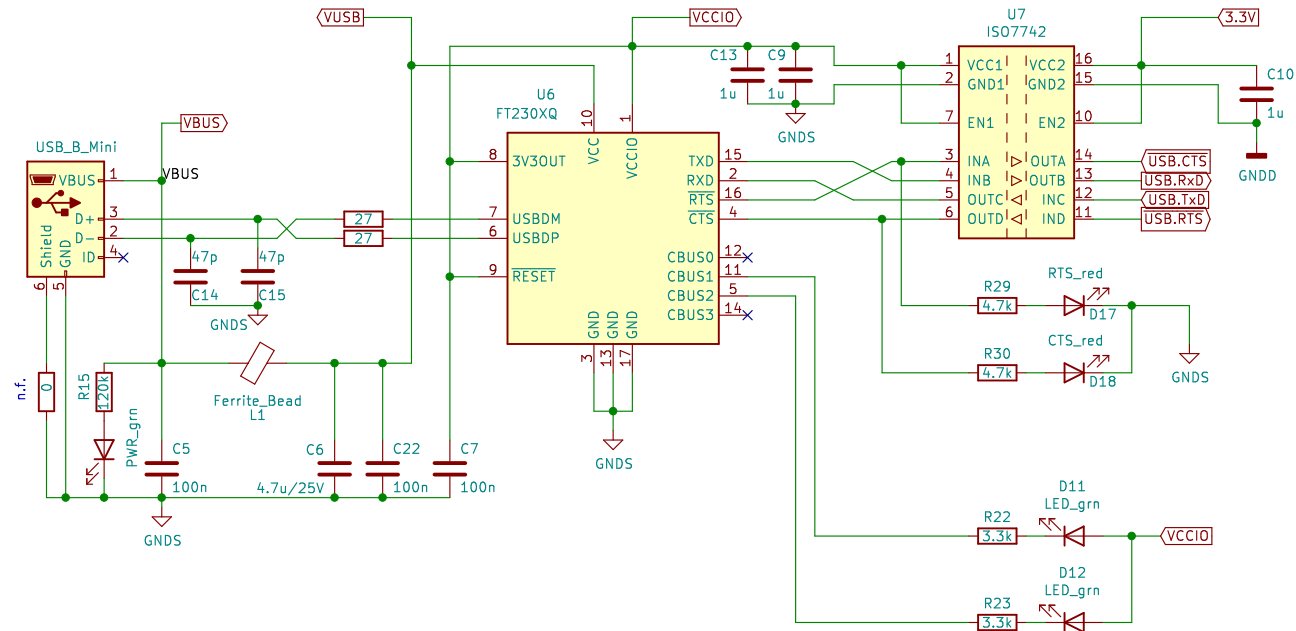
**Title: RTB C10 Module**

Size: A4 Date: 2023-10-22  
 KiCad E.D.A. kicad (5.1.12)-1

**Rev: 2**  
 Id: 2/4

# USB

## USB with galvanic isoation



Bus Master /w USB

**Frank Schumacher**

Sheet: /USB/

File: C10usb.sch

**Title: RTB C10 Module**

Size: A4 Date: 2023-10-22

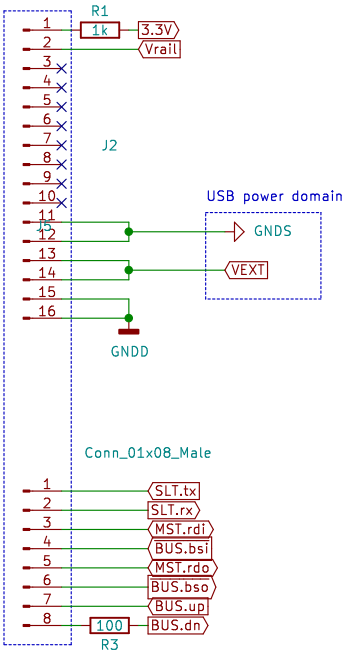
KiCad E.D.A. kicad (5.1.12)-1

**Rev: 2**

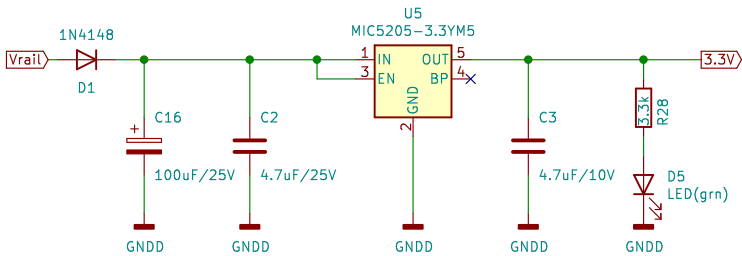
Id: 3/4

Interface

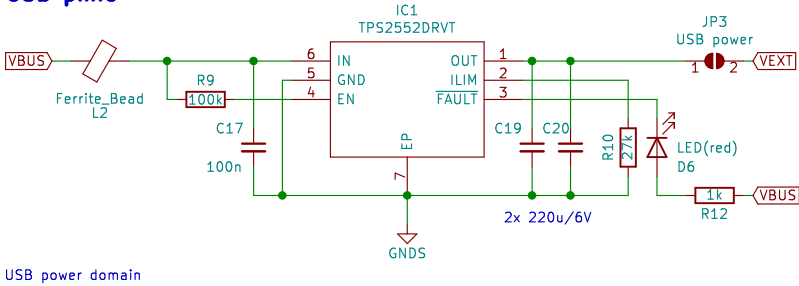
Slot connector



Power supply



USB pmic



- H1 MountingHole
- H2 MountingHole

Bus Master /w USB

Frank Schumacher

Sheet: /Connect/

File: C10con.sch

Title: RTB C10 Module

Size: A4 Date: 2023-10-22

KiCad E.D.A. kicad (5.1.12)-1

Rev: 2

Id: 4/4