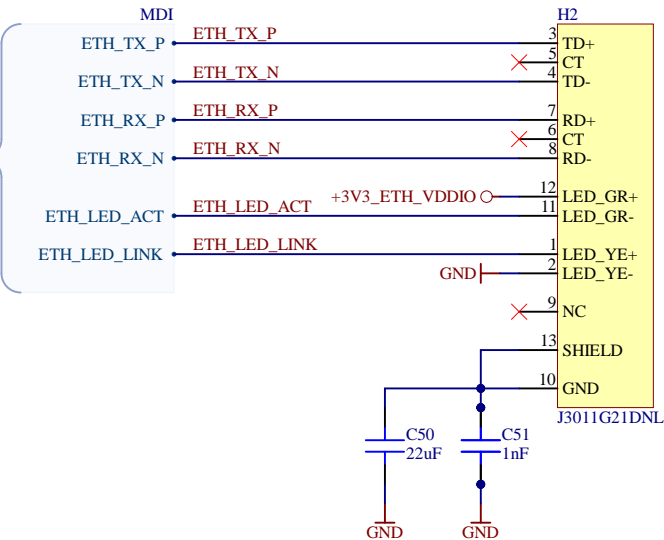
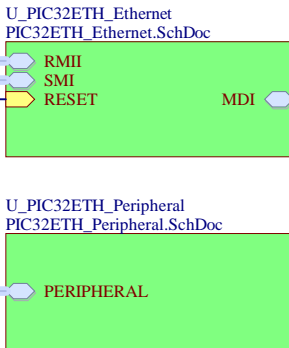
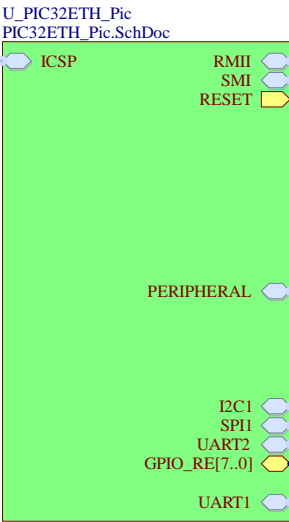
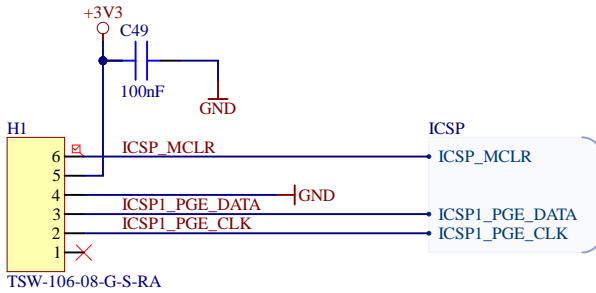
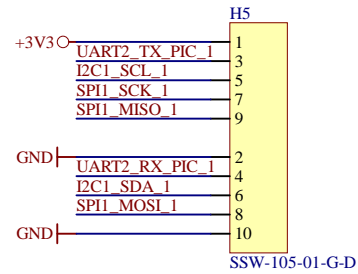
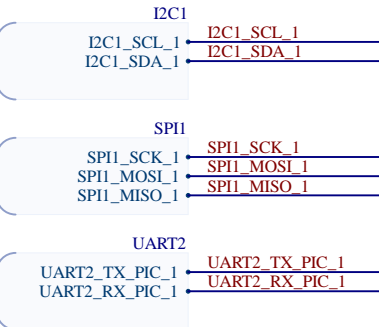
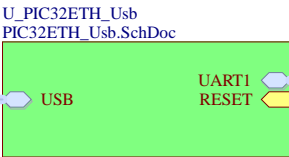
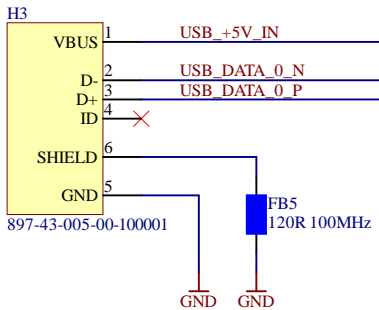


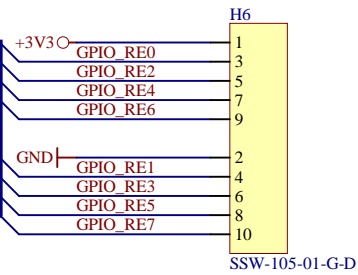
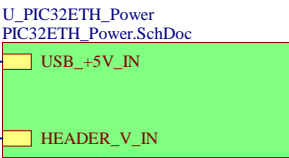
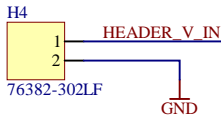
PIC Kit3



USB



9V Input



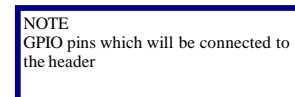
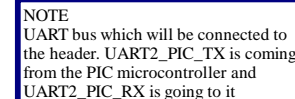
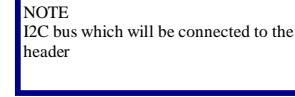
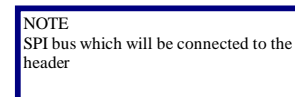
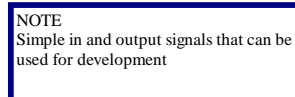
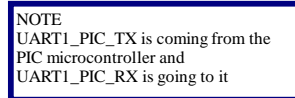
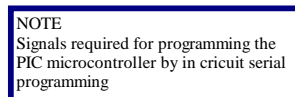
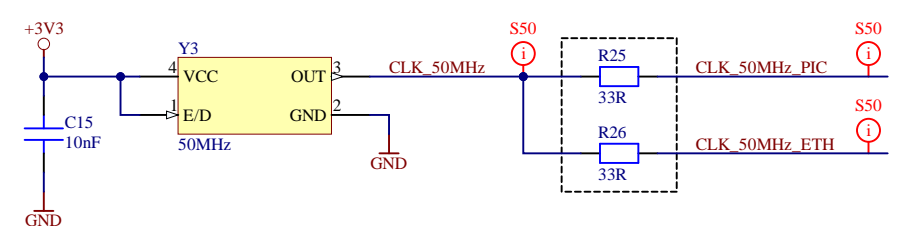
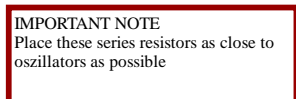
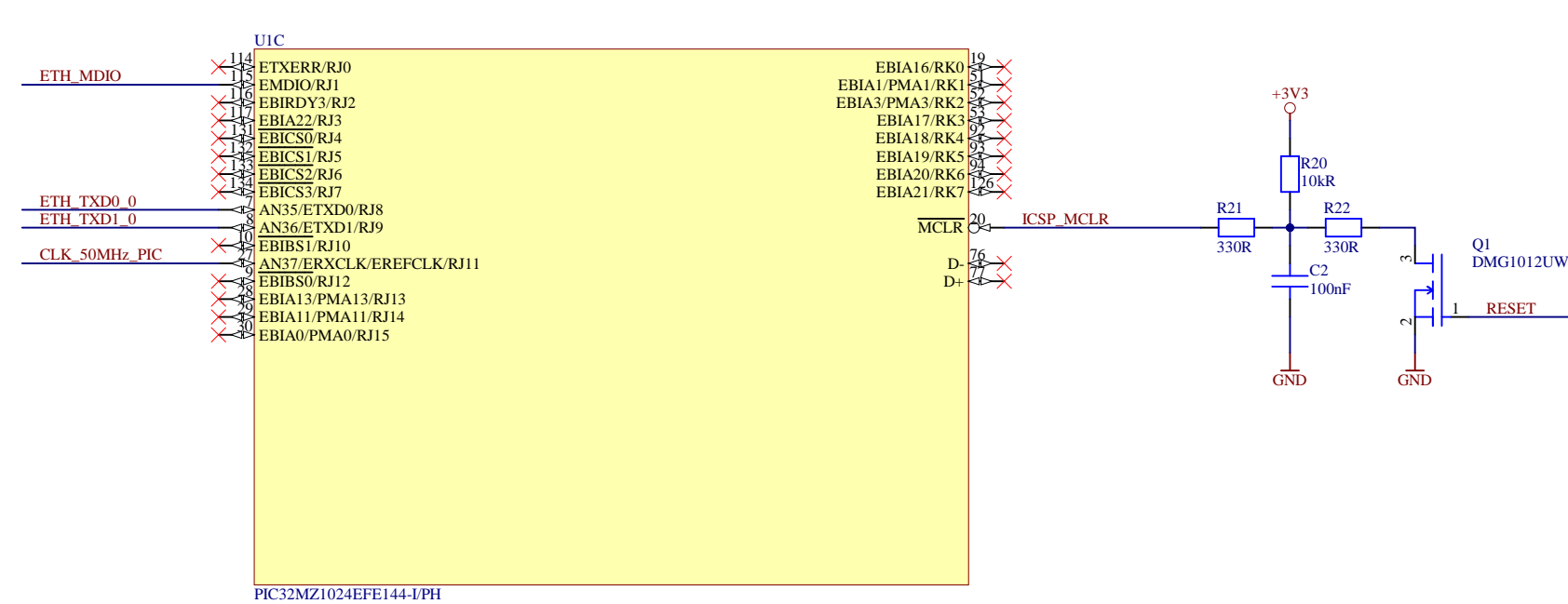
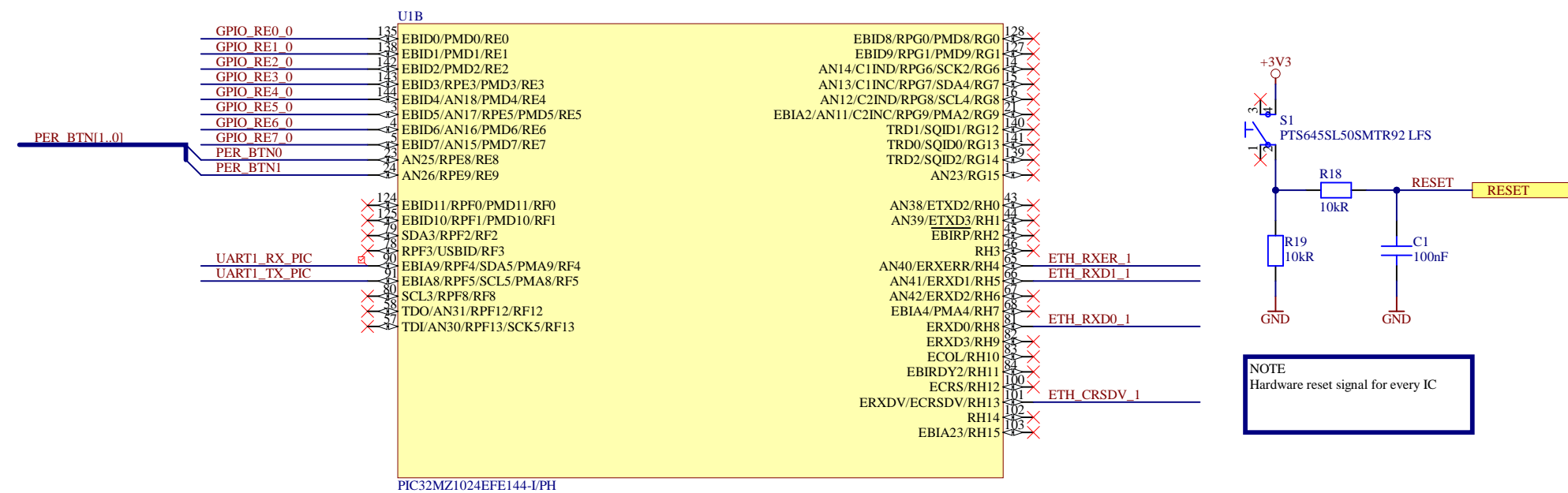


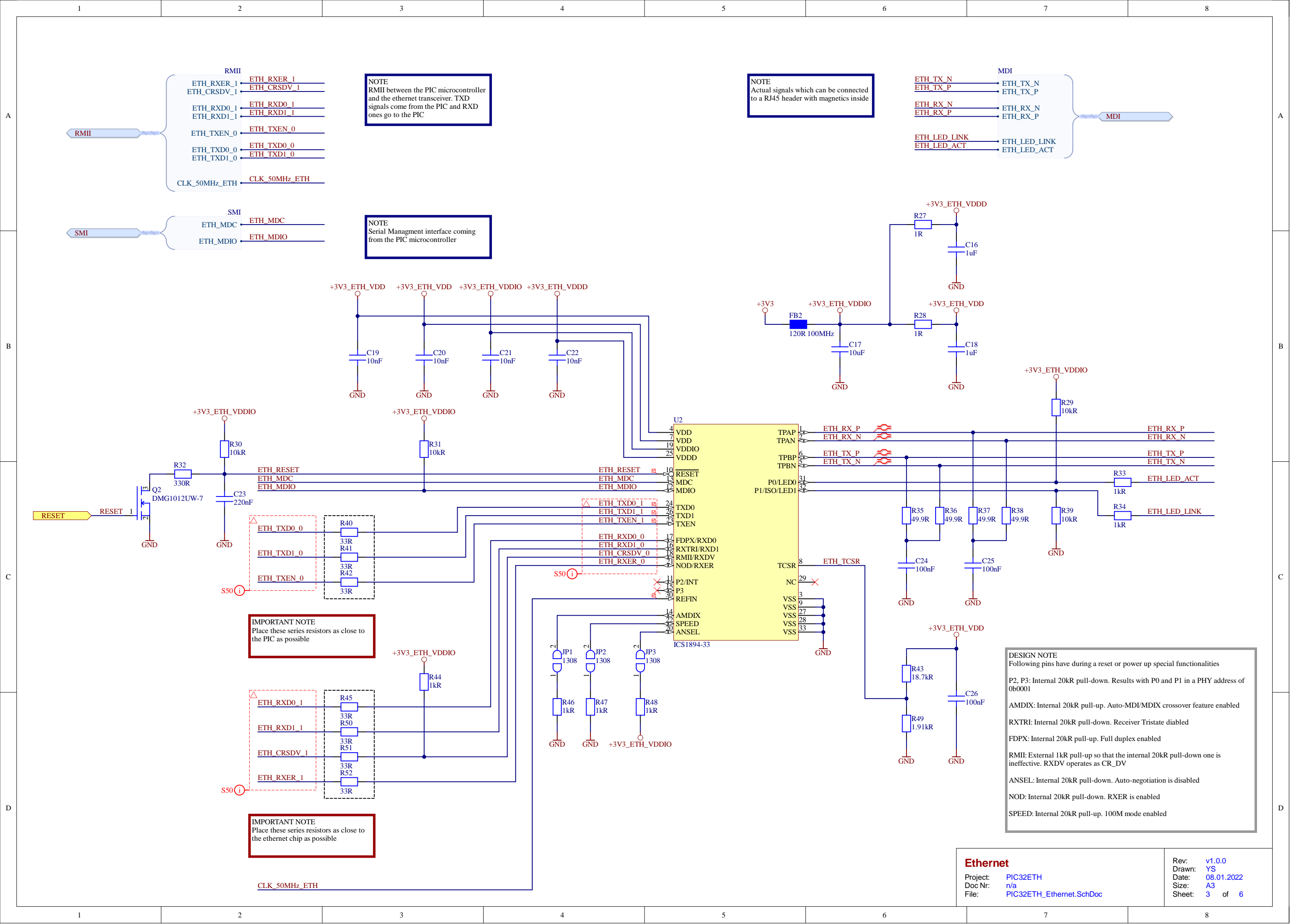
Diagram illustrating the RMII pinout for the T1024:

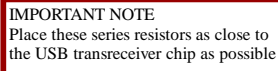
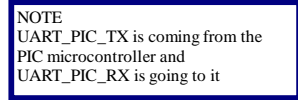
- ETH_RXER_1
- ETH_CRSDV_1
- ETH_RXD0_1
- ETH_RXD1_1
- ETH_TXEN_0
- ETH_TXD0_0
- ETH_TXD1_0
- CLK_50MHz_ETH

```

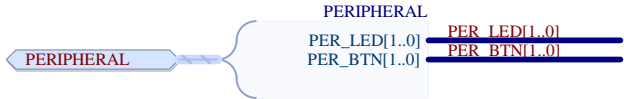
graph LR
    ETH_MDC --> SMI
    ETH_MDIO --> SMI
    SMI --> SMI
  
```



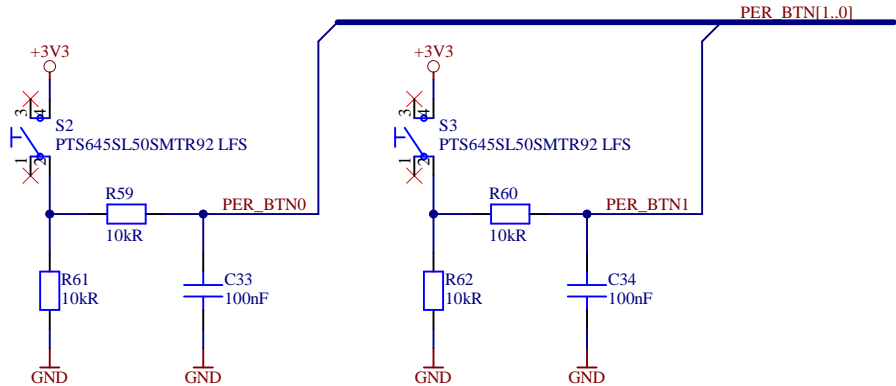
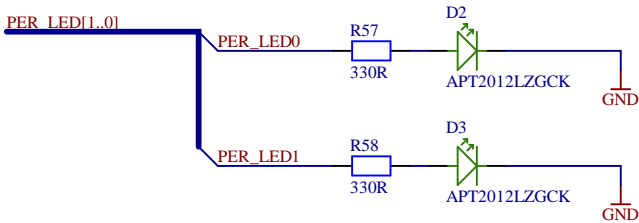




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Project: PIC32ETH	Drawn: YS
Doc Nr: n/a	Date: 08.01.2022
File: PIC32ETH_Usb.SchDoc	Size: A4
	Sheet: 4 of 6



NOTE
Simple in and output signals that can be
used for development



Peripheral

Project: PIC32ETH
Doc Nr: n/a
File: PIC32ETH_Peripheral.SchDoc

Rev: v1.0.0
Drawn: YS
Date: 08.01.2022
Size: A4
Sheet: 5 of 6

A

B

C

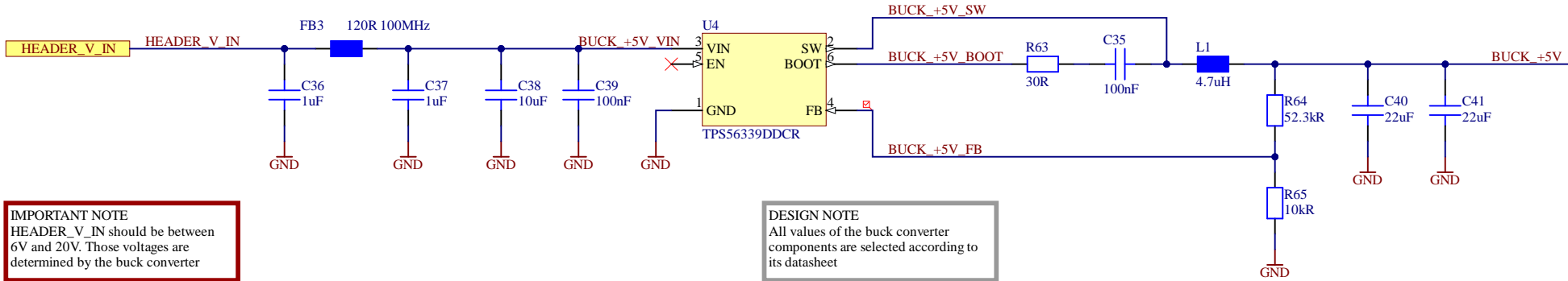
D

A

B

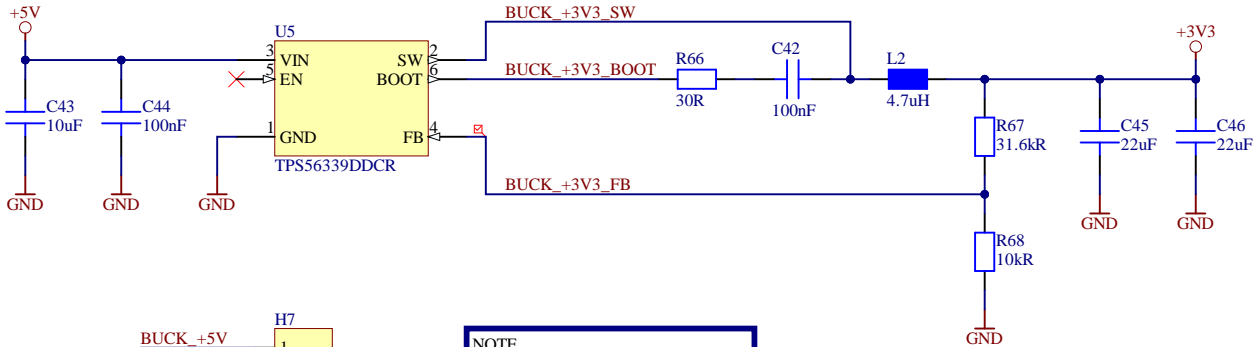
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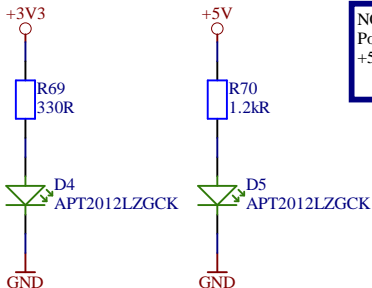
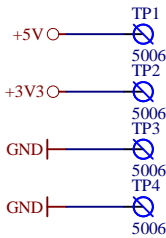
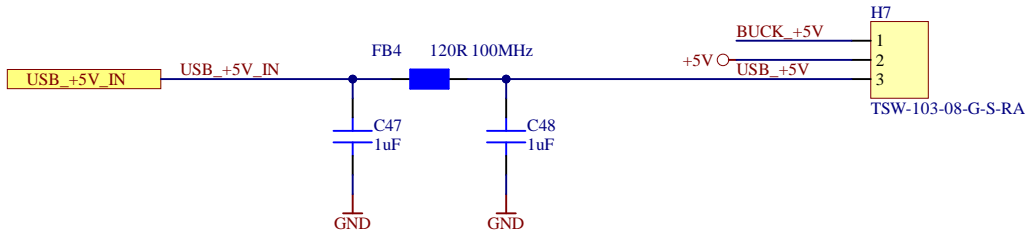
IMPORTANT NOTE
HEADER_V_IN should be between 6V and 20V. Those voltages are determined by the buck converter

DESIGN NOTE
All values of the buck converter components are selected according to its datasheet



NOTE
By setting this jumper the board can either be powered by an external power supply or by the USB port

NOTE
Power indication LEDs for +3V3 and +5V rail



Power		Rev: v1.0.0
Project:	PIC32ETH	Drawn: YS
Doc Nr:	n/a	Date: 08.01.2022
File:	PIC32ETH_Power.SchDoc	Size: A4
		Sheet: 6 of 6