

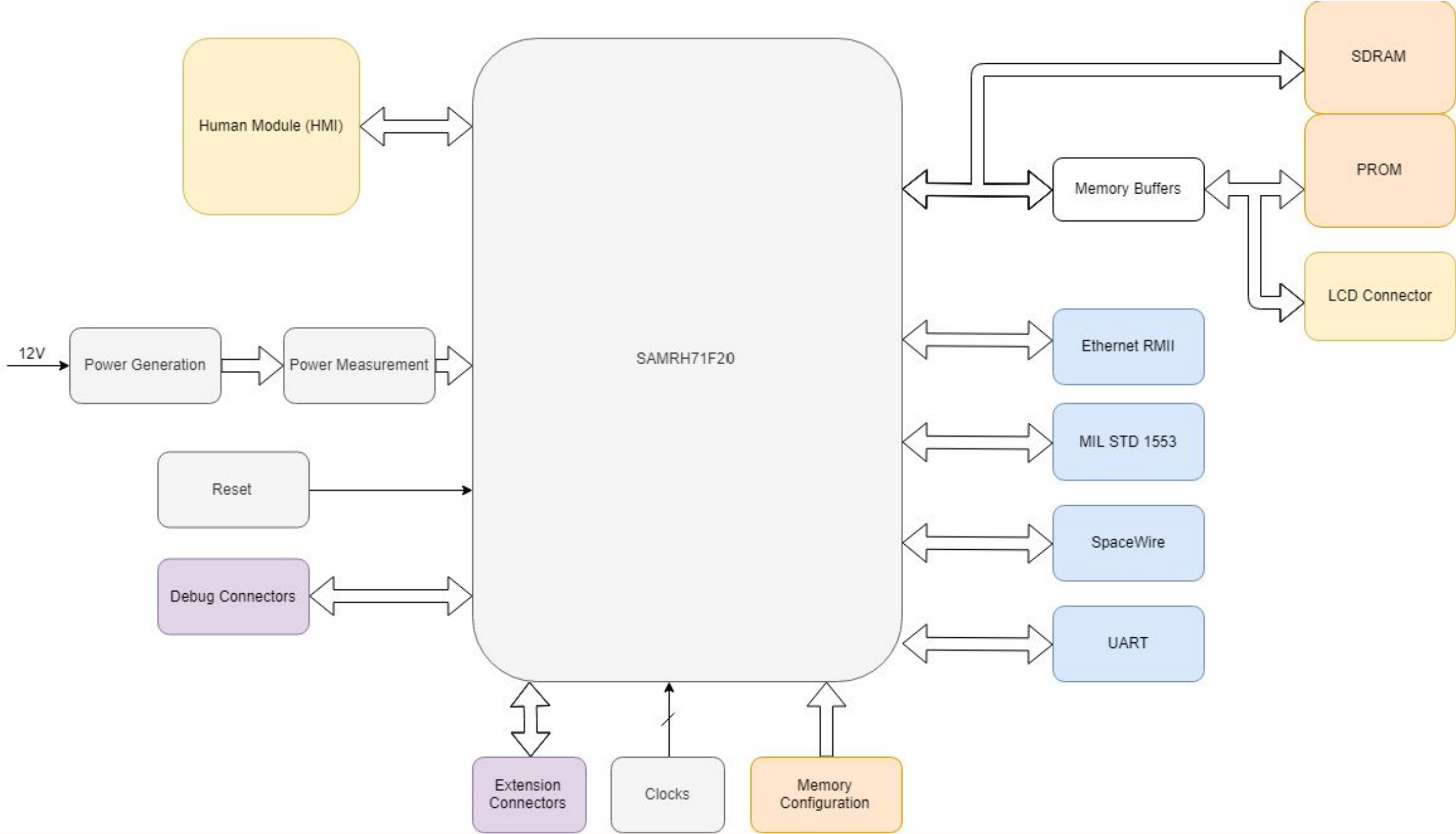
SAMRH71-EK

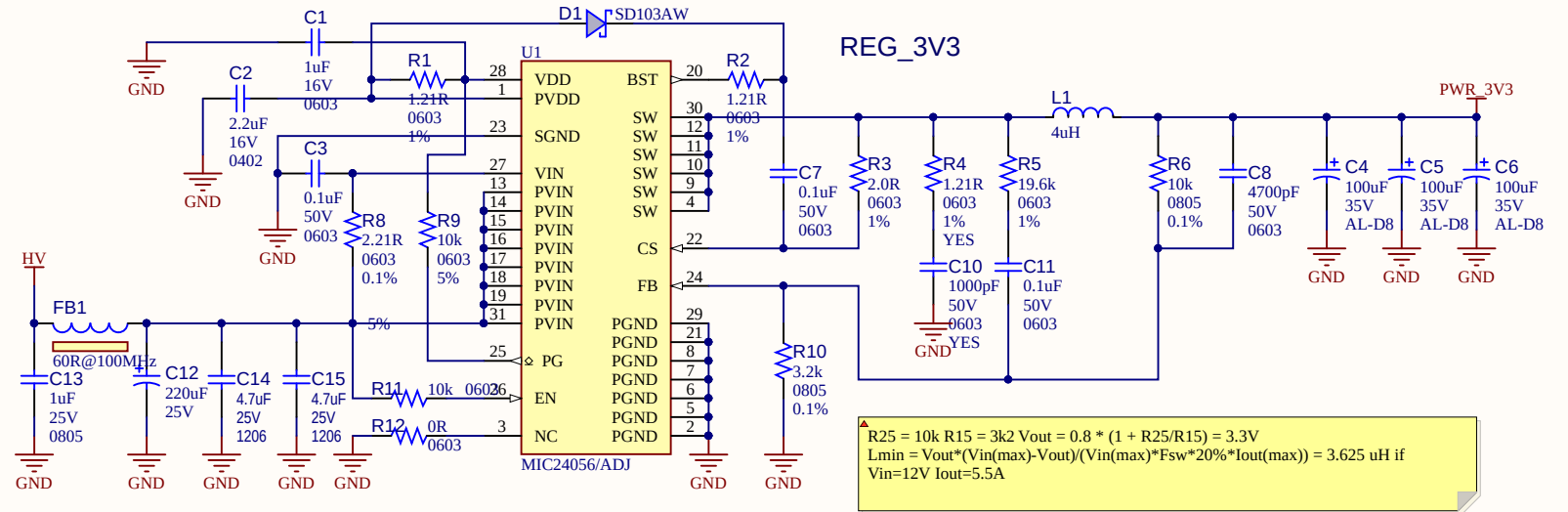
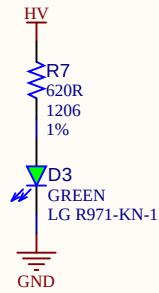
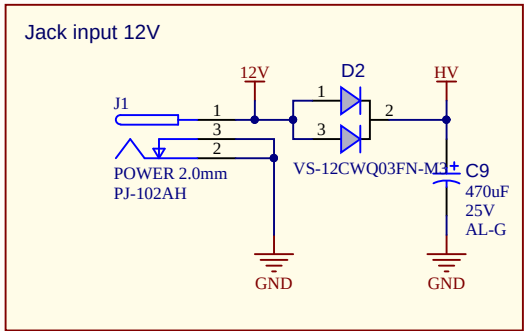
Table of Contents

Sheet	Description
1	Table of contents, Block Diagram
2	Power Generation
3	SAMRH71
4	Power Measurement
5	Communication links
6	Space Communication
7	Memory Buffer
8	PROM - SDRAM
9	Ethernet
10	Extension Connectors
11	Reset, Clock & NMIC
12	HMI Module
13	Debug Connectors

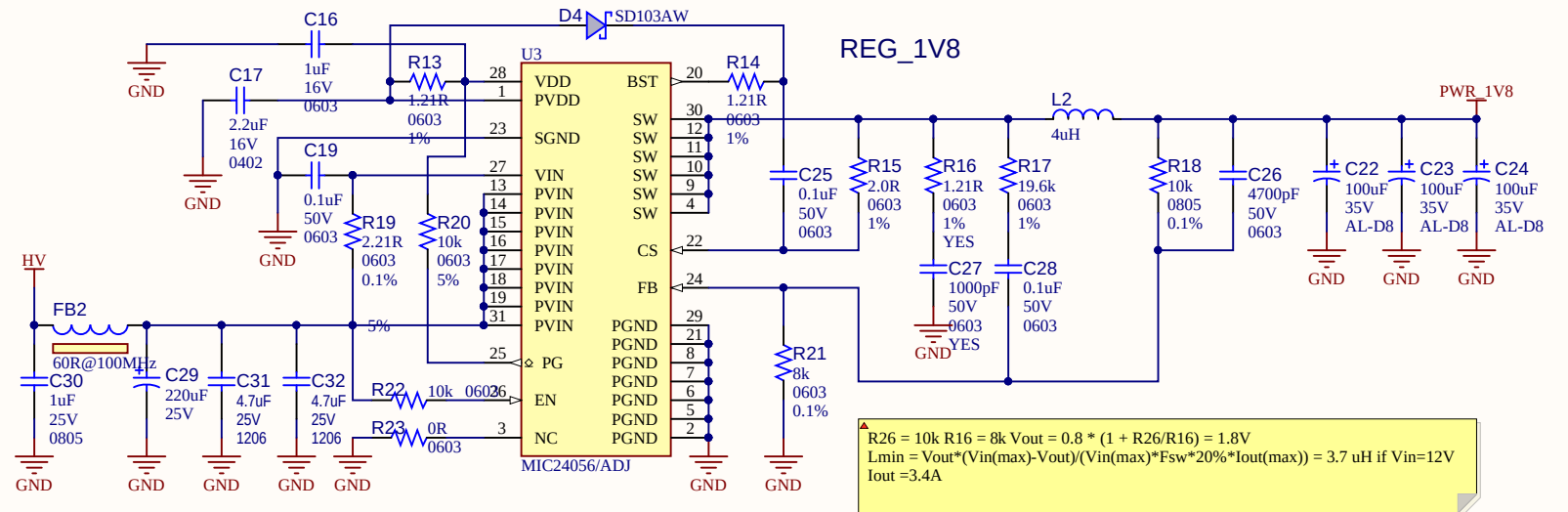
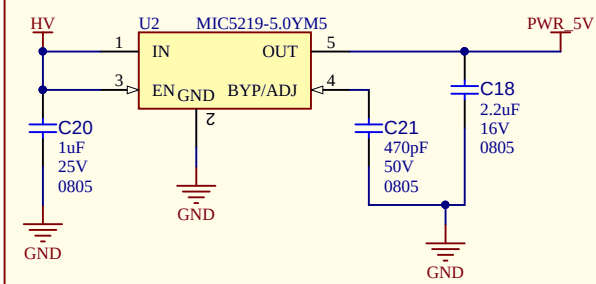
Revision History

Revision	Date	Revision Summary	Author
1.0	03/25/2019	Prototype	B. Rivault
1.1	05/22/2019	Production Build	B. Rivault

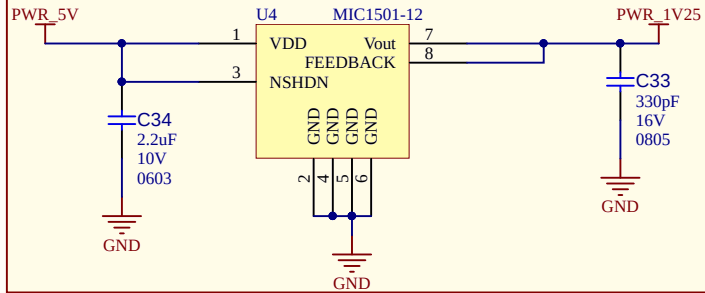




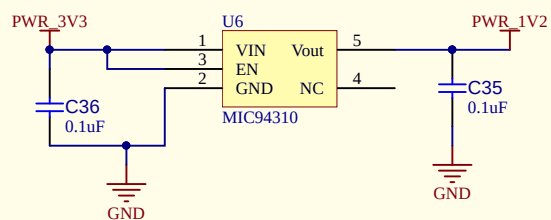
Reg 5V for CAN

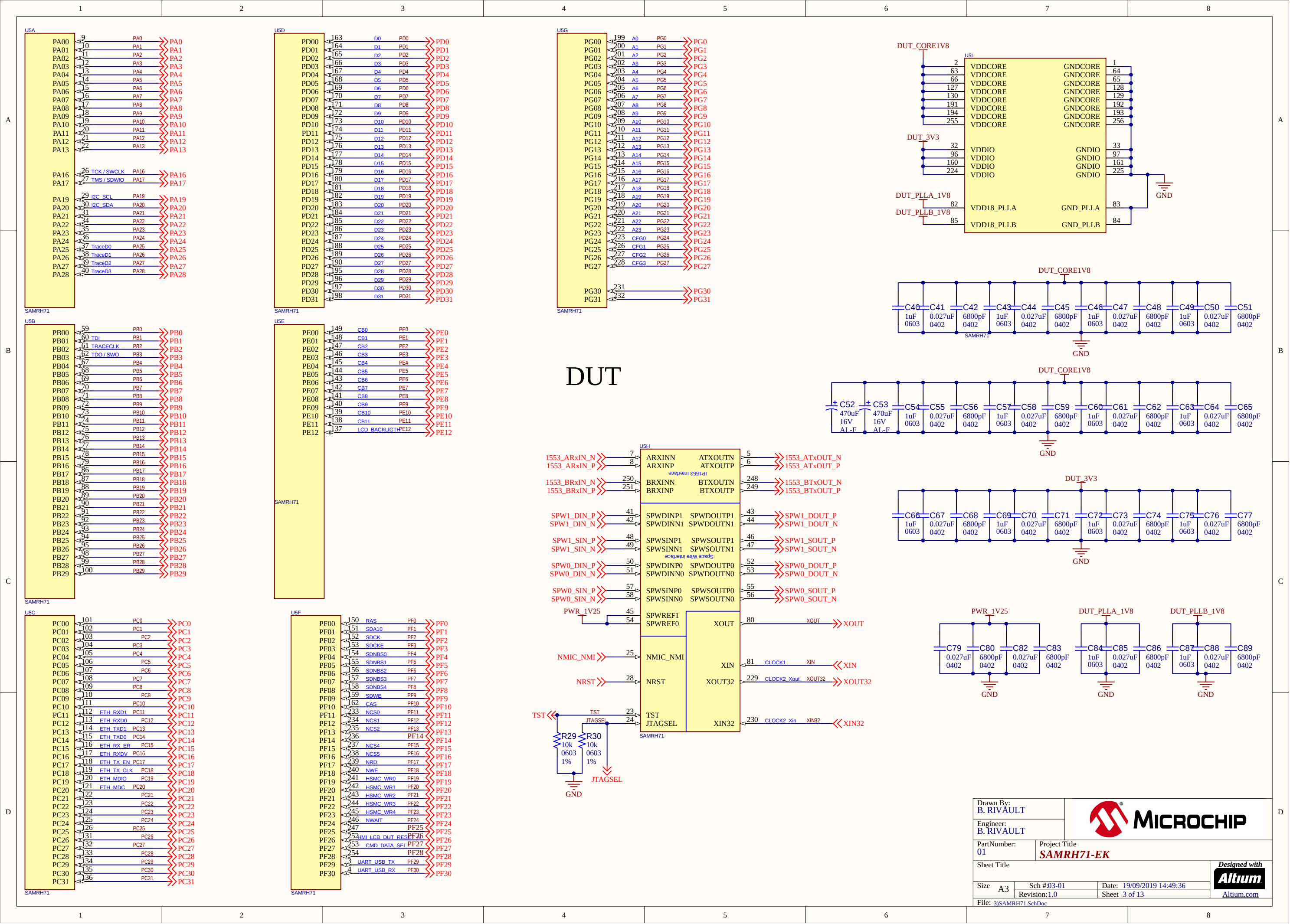


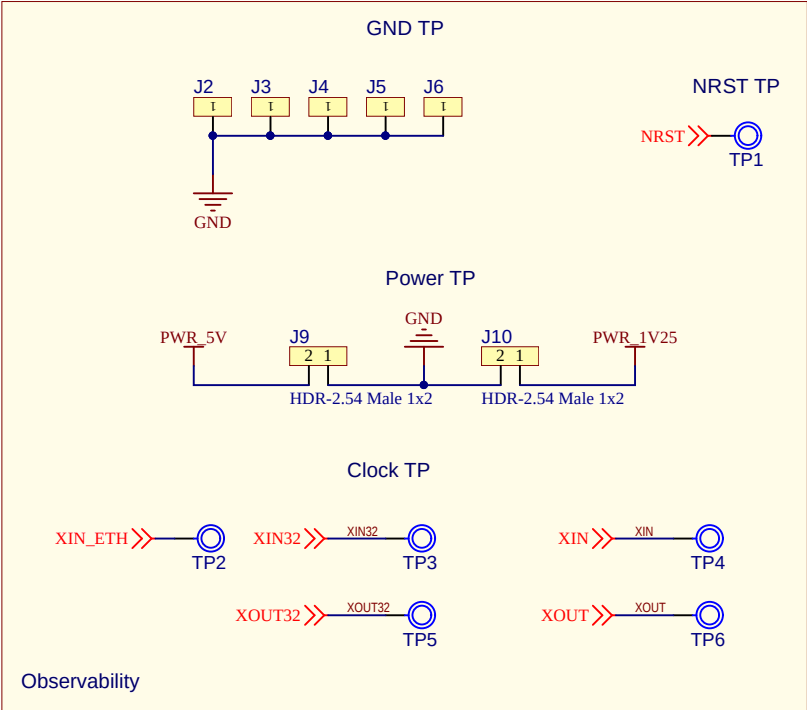
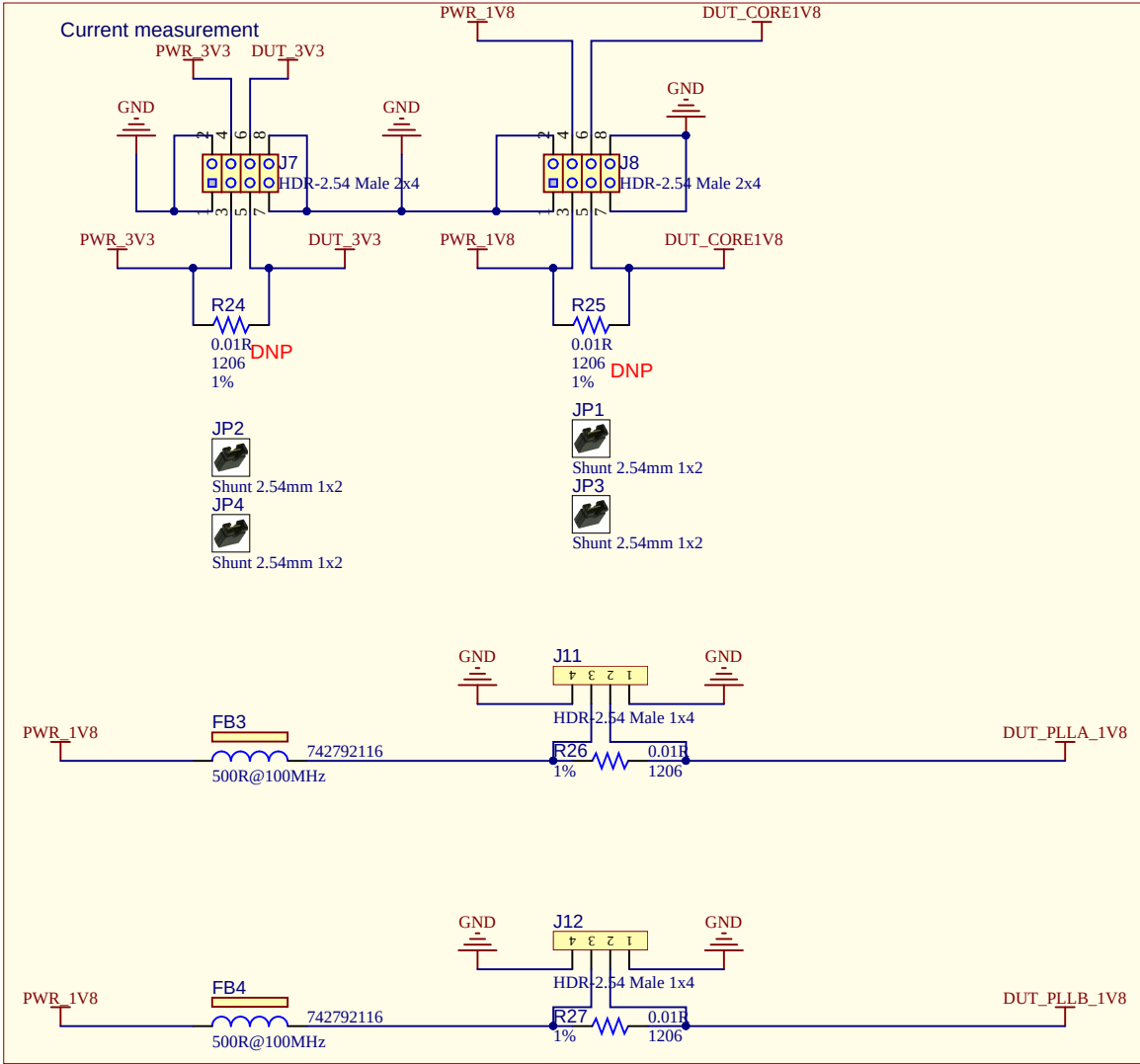
Volt REF 1V25 for SpaceWire



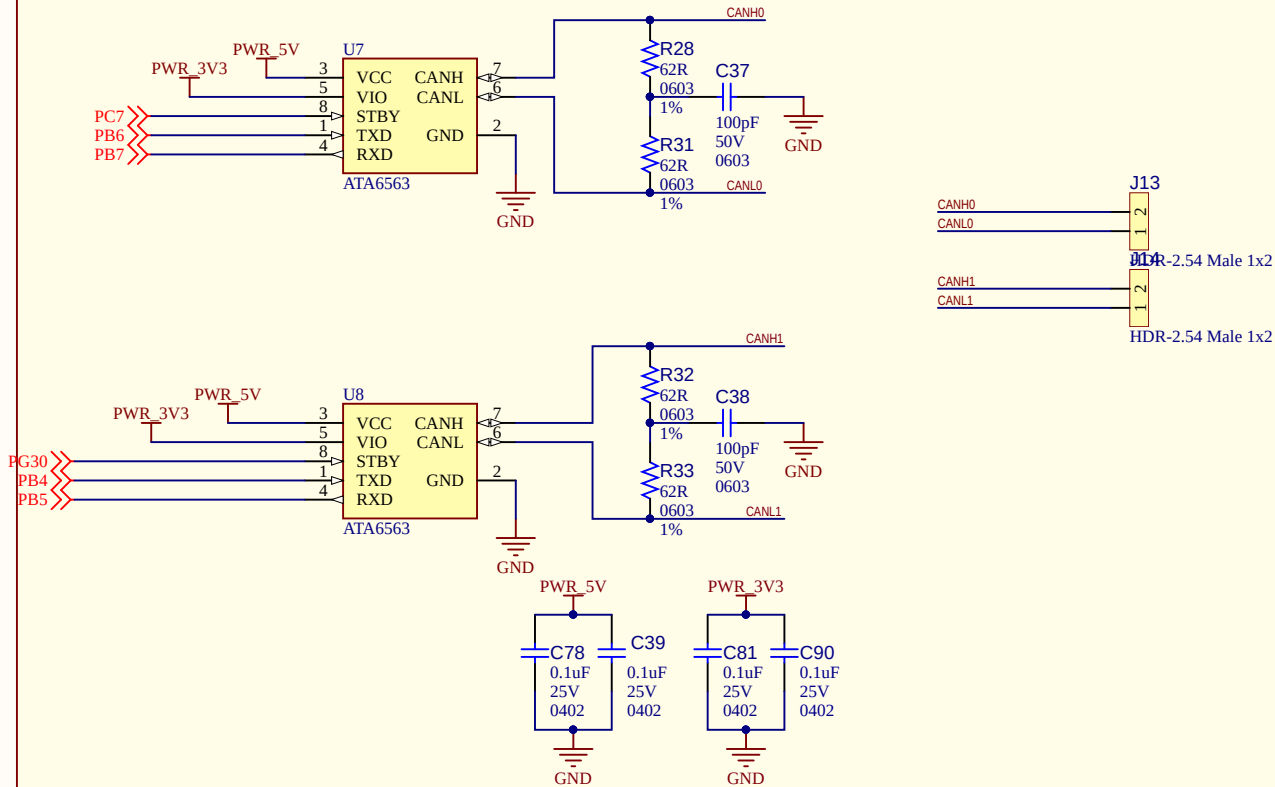
REG 1V2 for Ethernet PHY



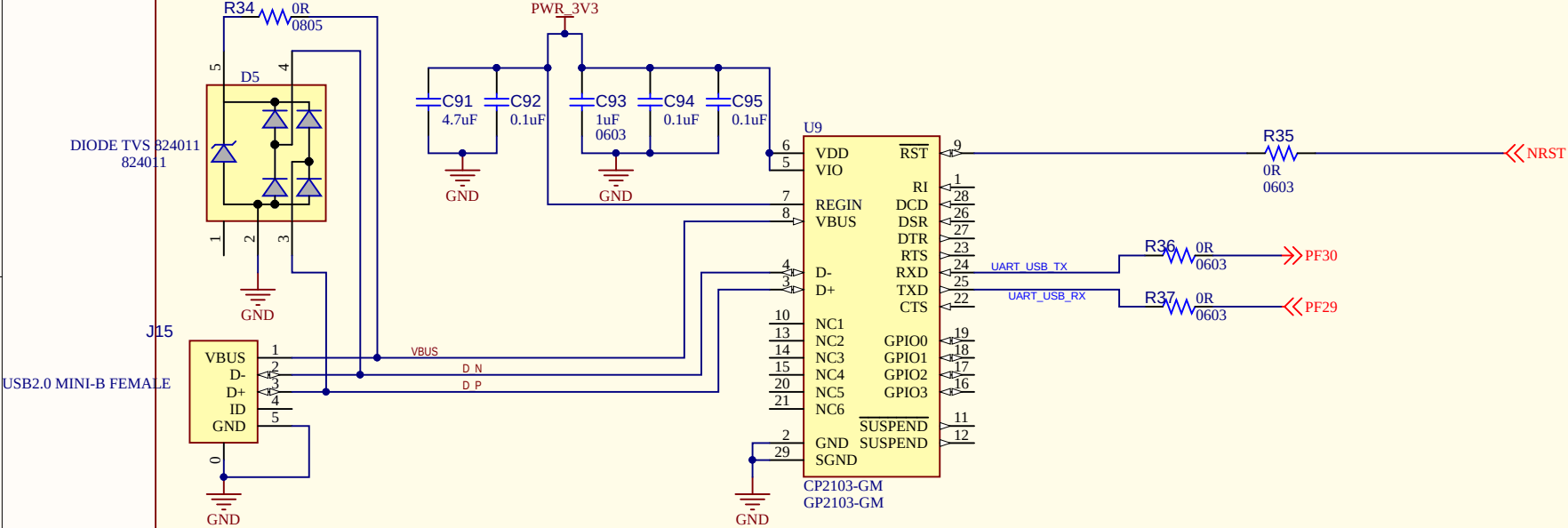


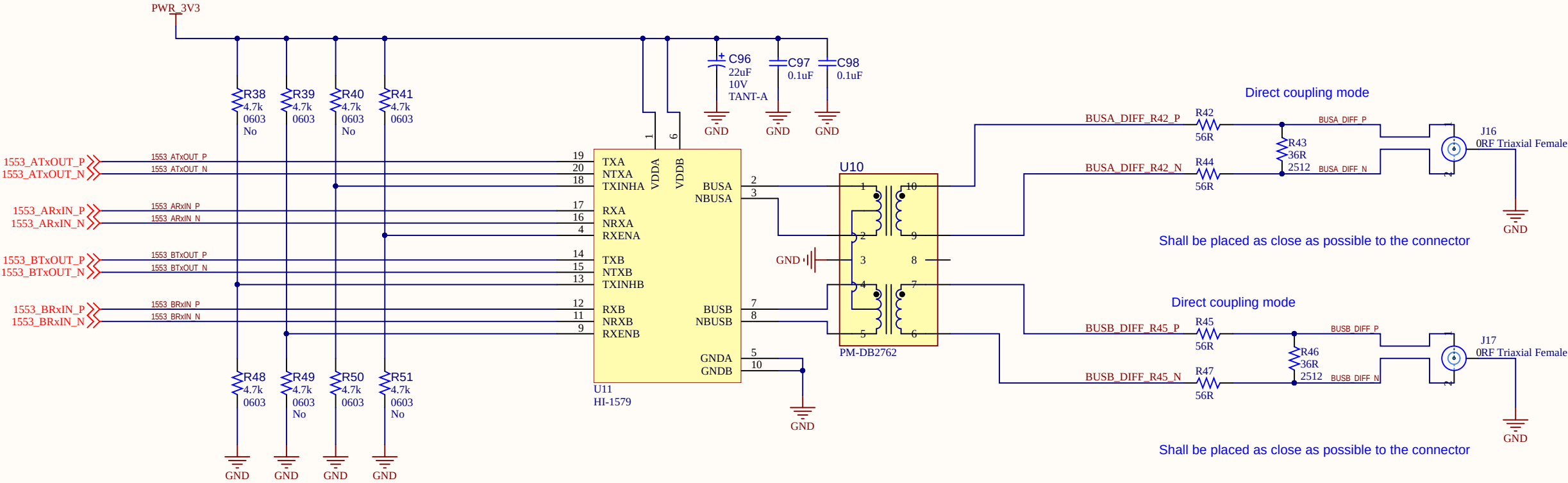


CAN Links

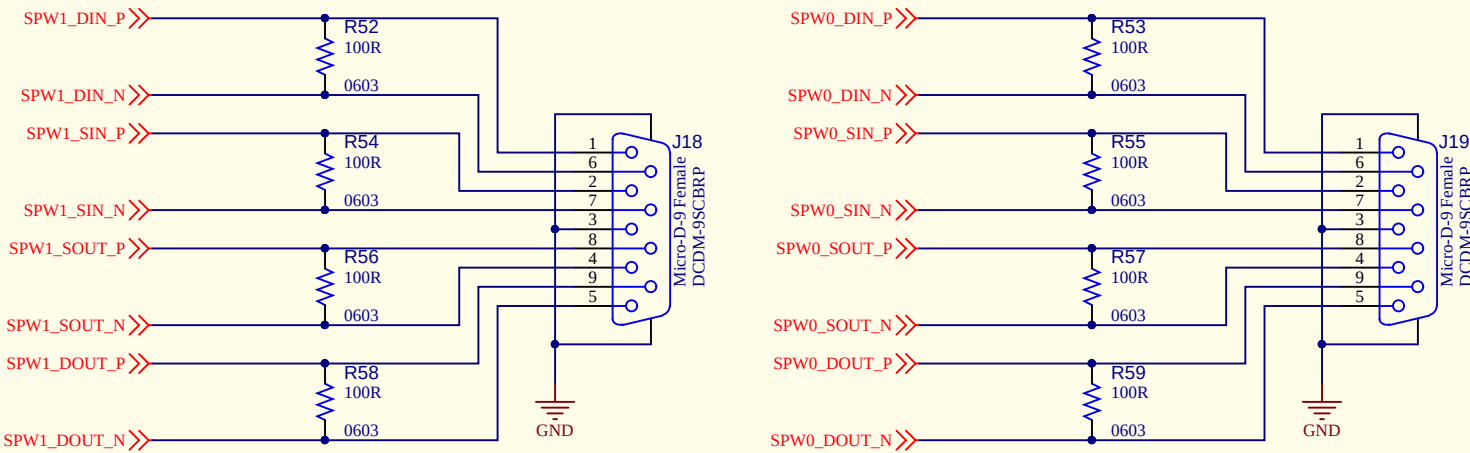


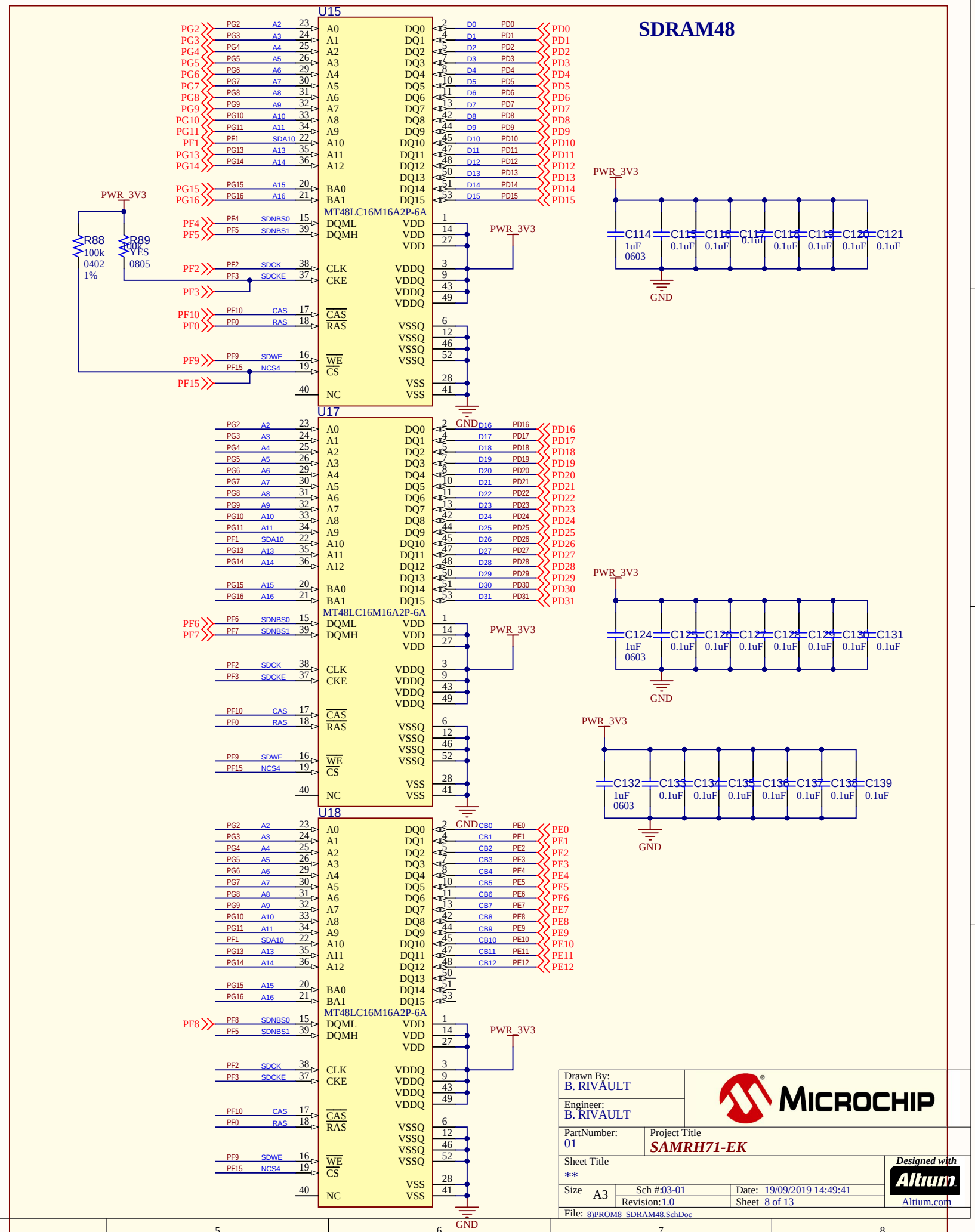
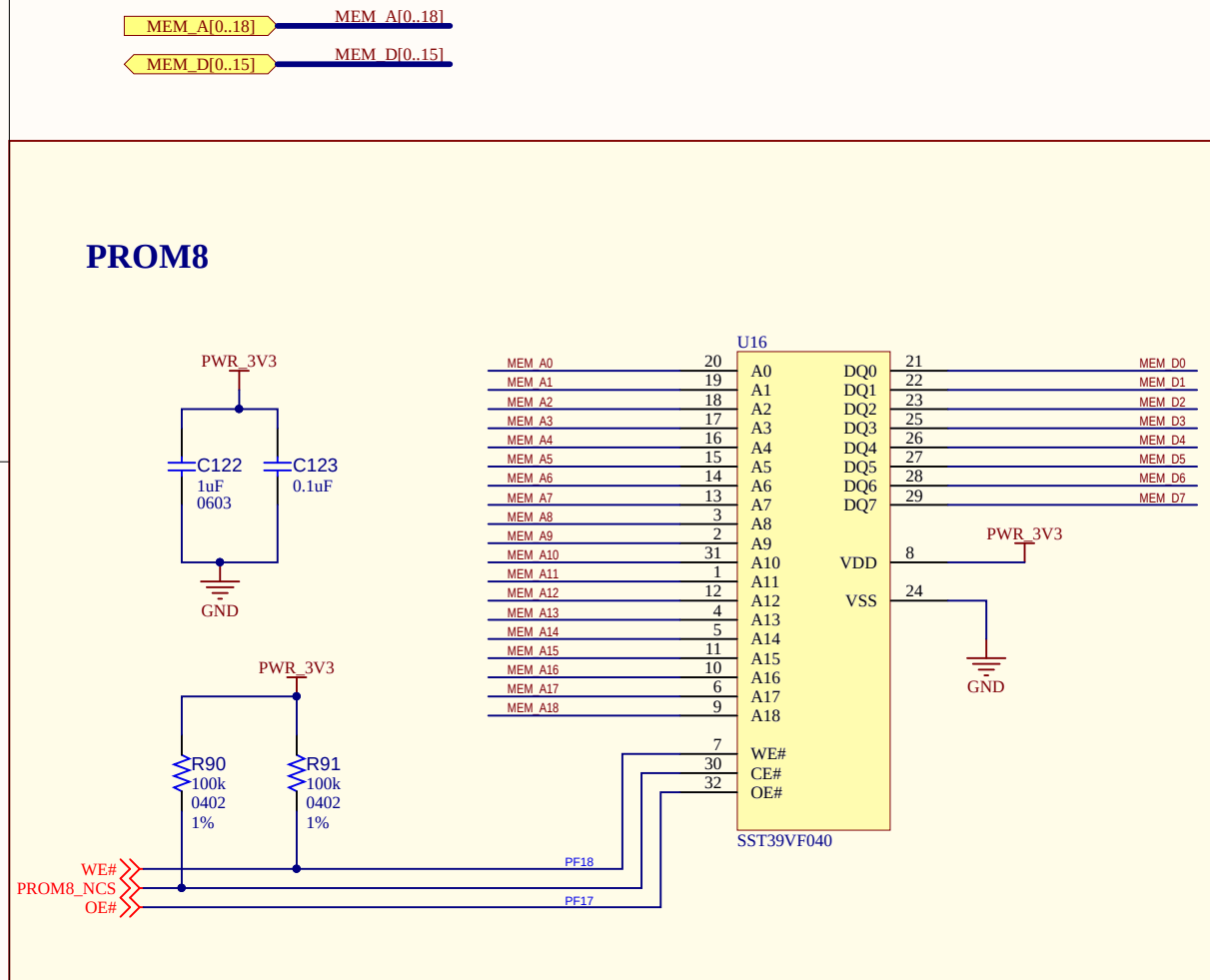
UART





SpaceWire





QWF is used to En/Disable Quit-Wire Filtering

1 -> Disable
0 -> Enable (Default)

