

# FlexRay V1 2023.02.13

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### Revision Information

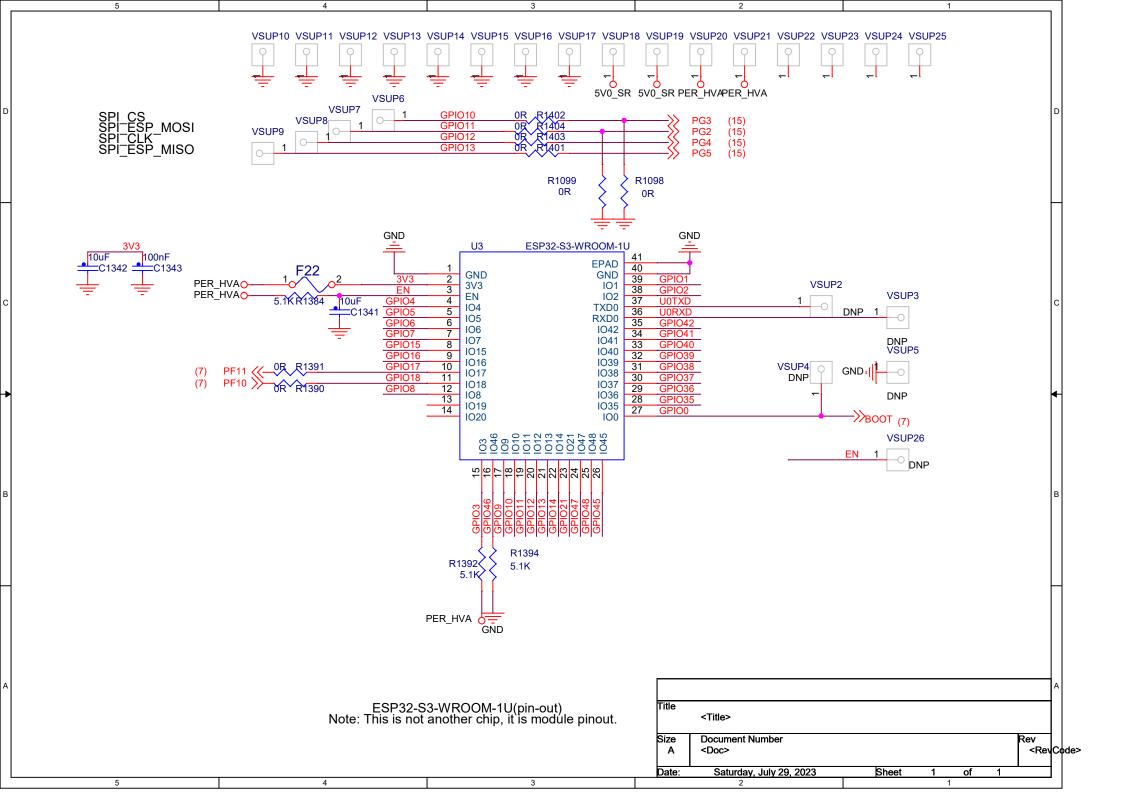
Rev	Date	Designer	Comments
A1	13 Jan 2023	<b>Designer</b> Mingming Wan	

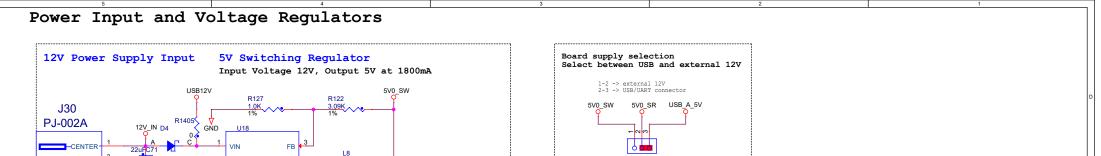
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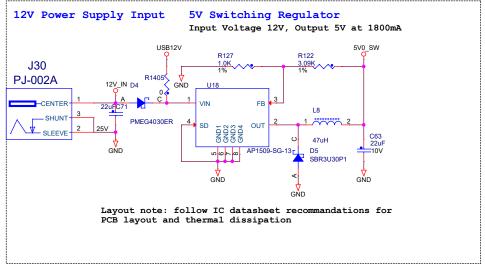
#### **Automotive Product Group**

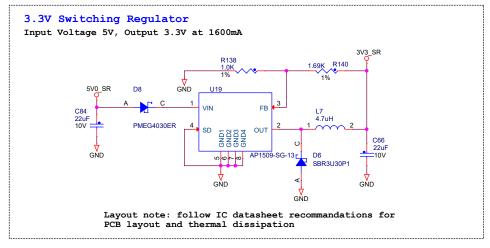
6501 William Cannon Drive West Austin, TX 78735-8598

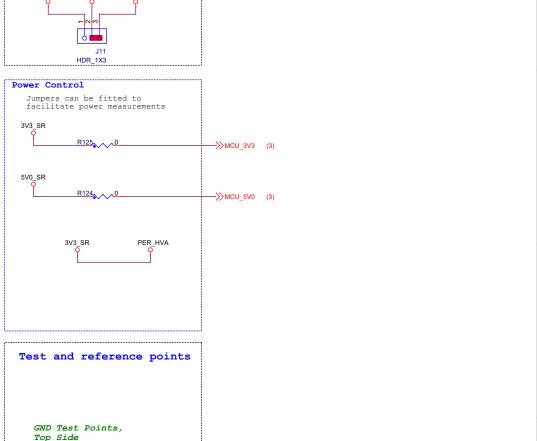
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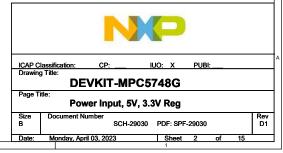


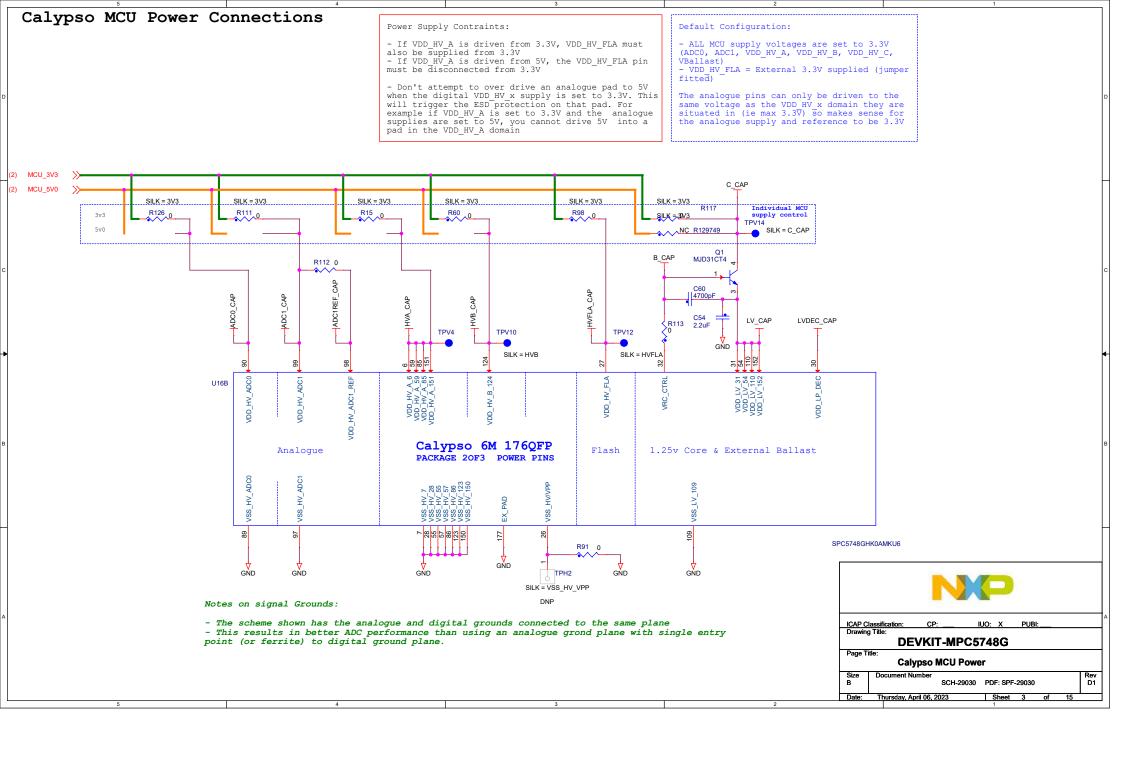




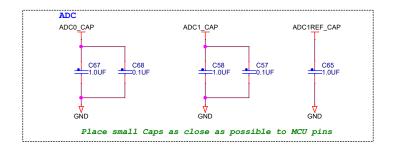


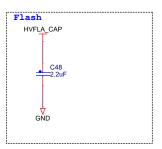


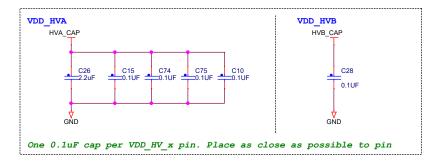


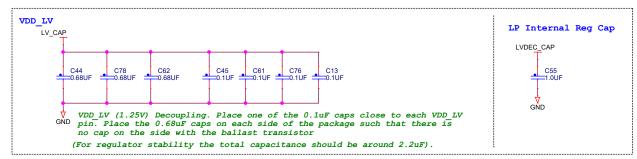


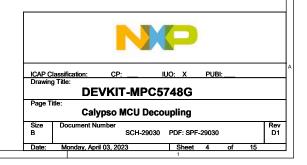
## Calypso MCU Decoupling and bulk storage

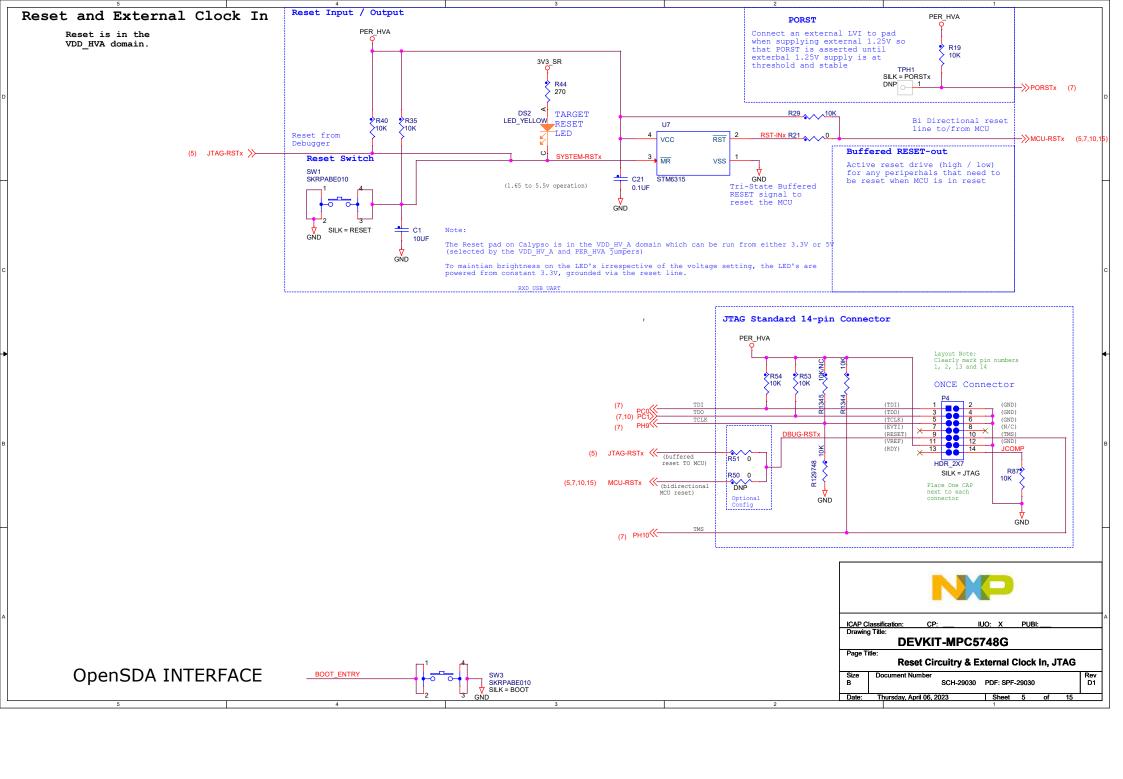


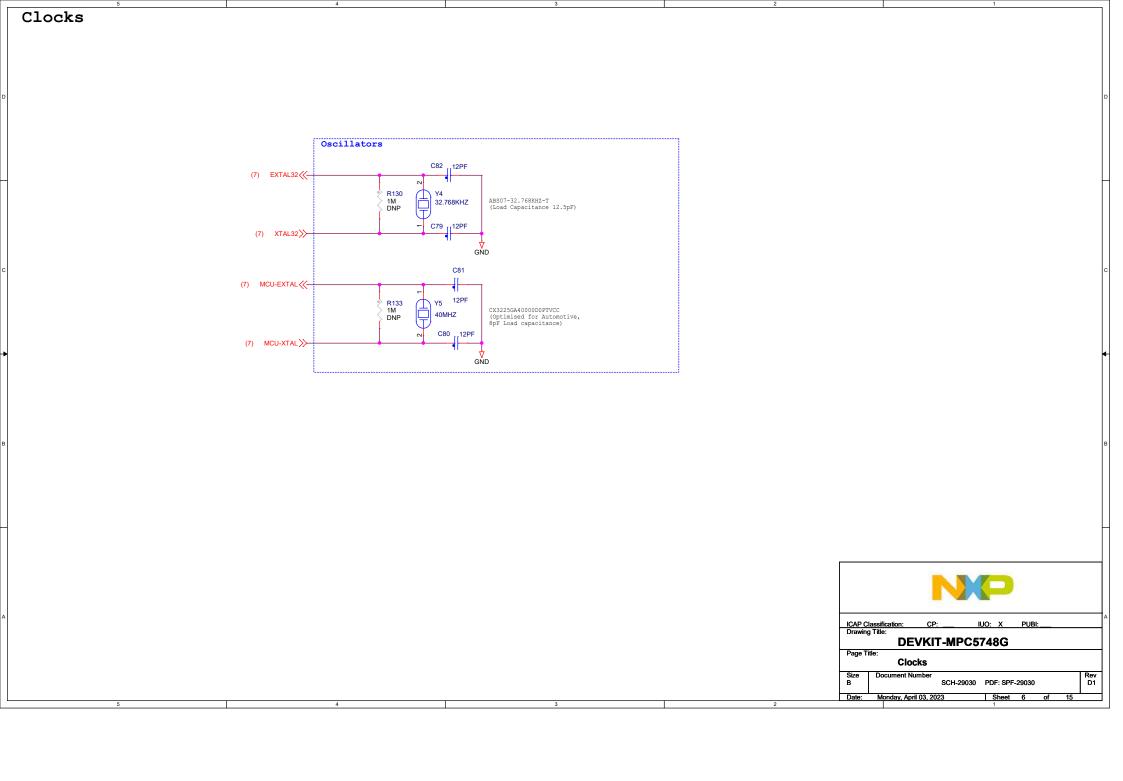


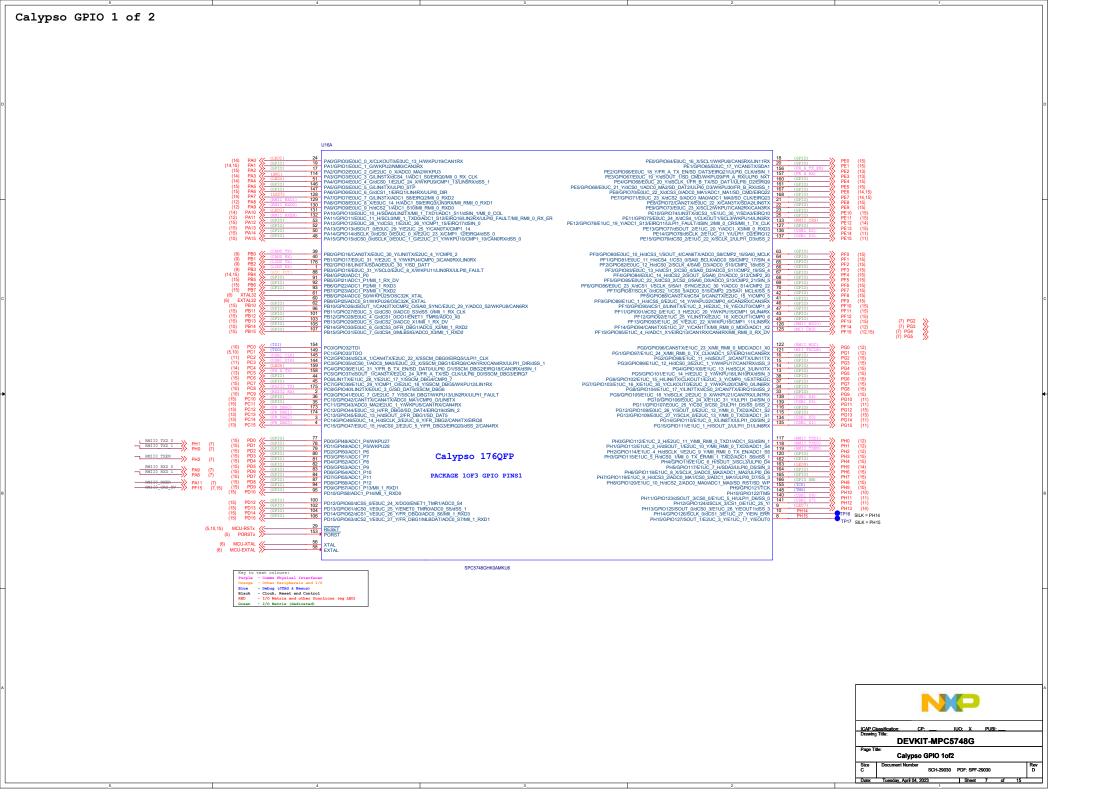


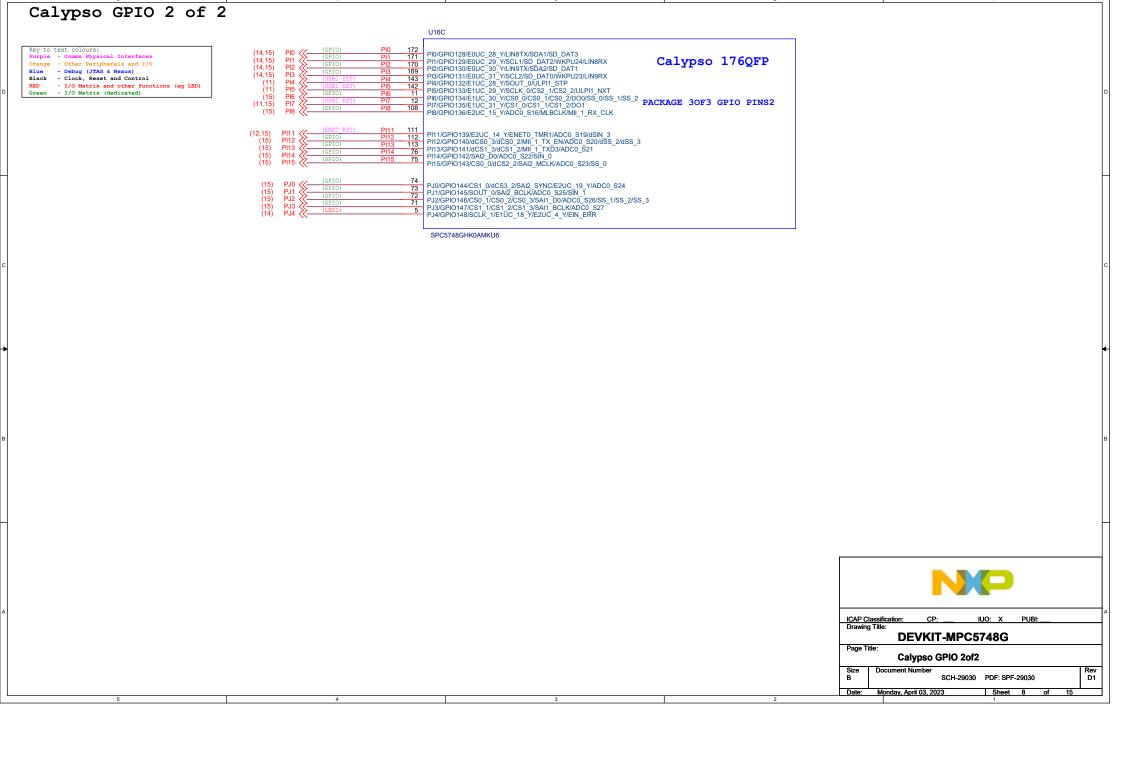


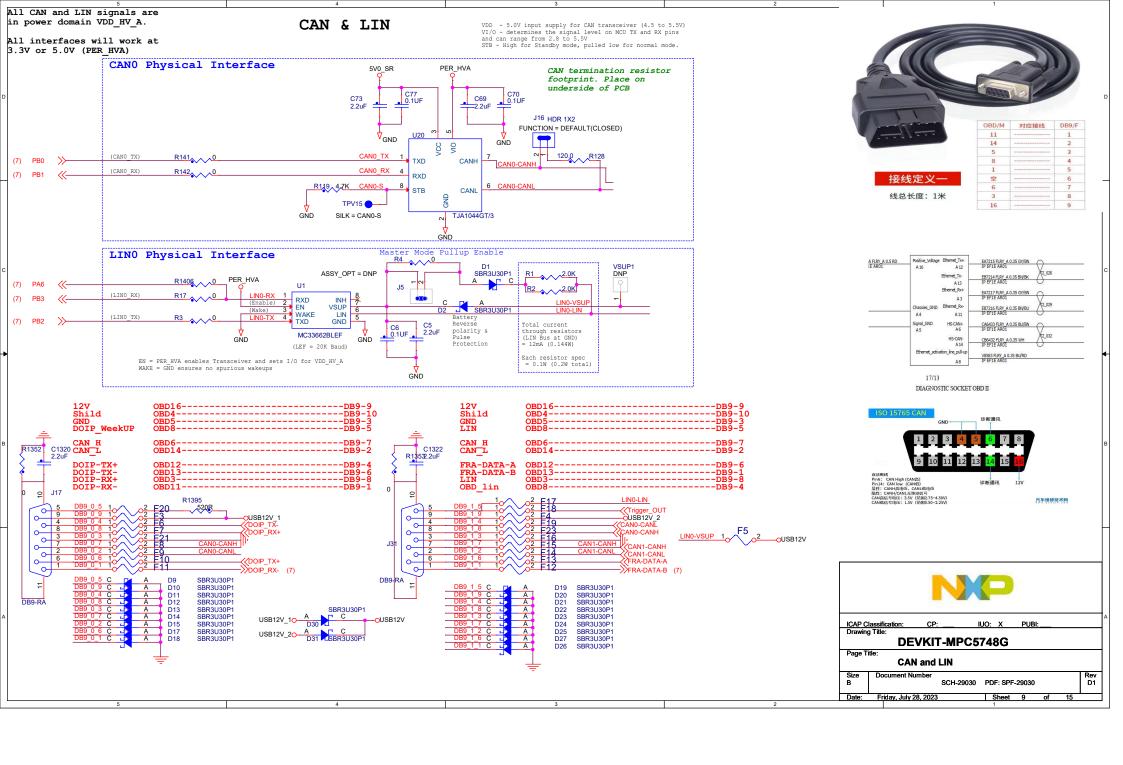


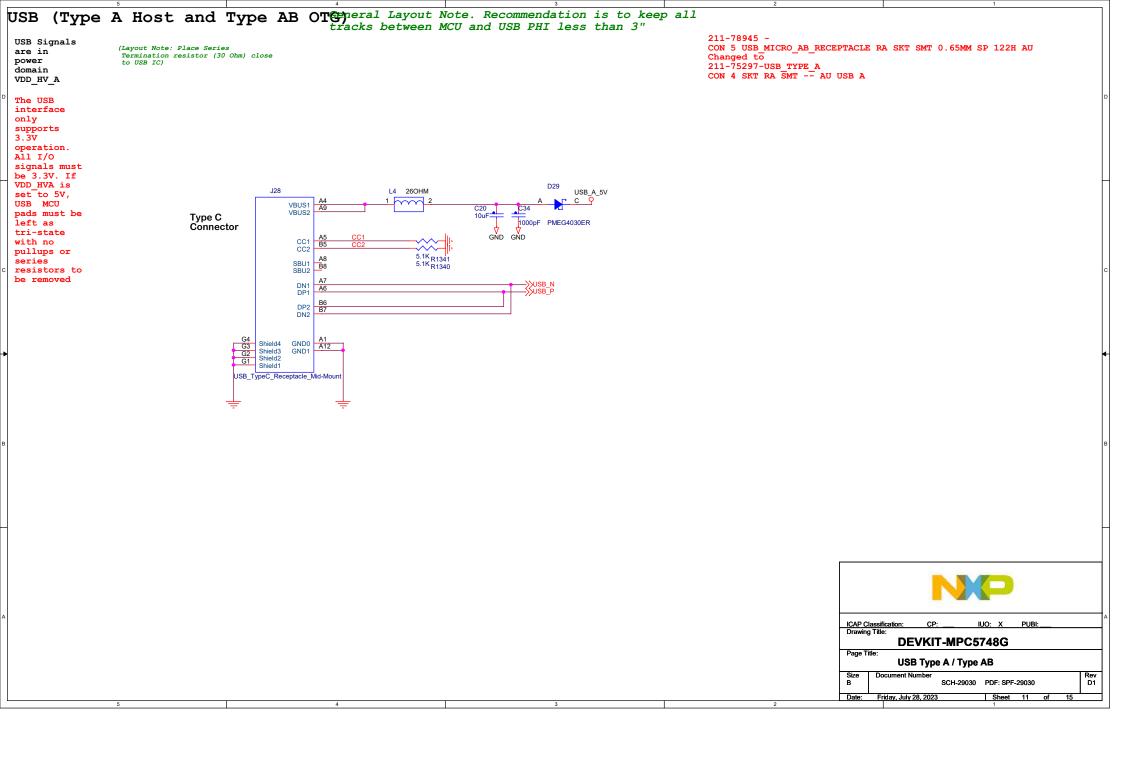




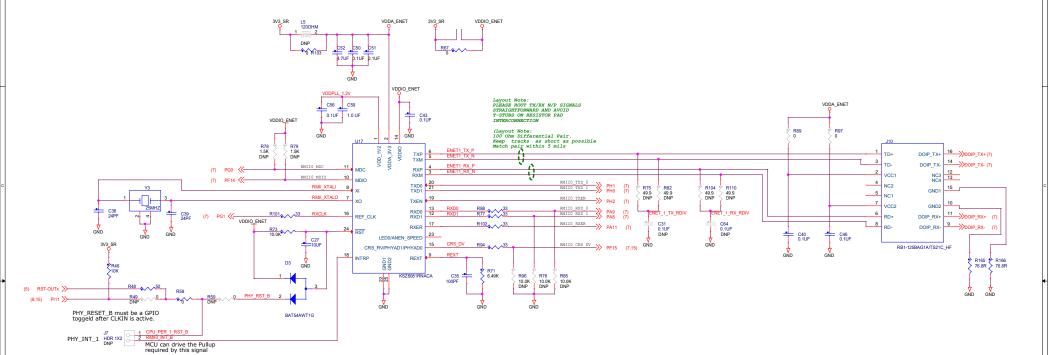






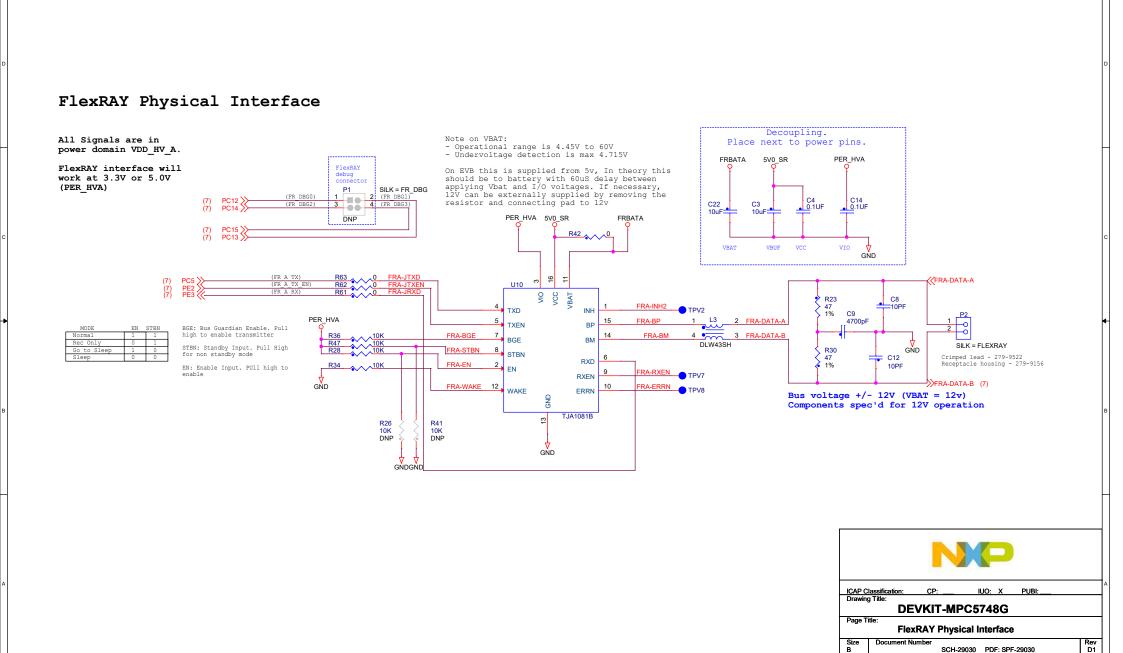


#### Ethernet Physical Interface & DOIP



Reset Control:
- Reset from MCU Reset Out (will reset with MCU)
- Reset from GFIO. Allows MCU to reset PHY as well as hold PHY in reset while reset config data can be driven onto pins to change mode etc.

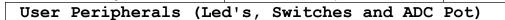
DEVKIT-MPC5748G Ethernet SCH-29030 PDF: SPF-29030



SCH-29030 PDF: SPF-29030

Sheet 13

Friday, July 28, 2023



Switches are hard wired to 3.3V rather than 5V so it's not possible to drive 5V into a 3.3V pad (which would cause damage) Similarly, the LED's are active low with 3.3V supply so can be safely coupled to pads on either 3.3V or 5V domains The ADC input is limited to 3.3V, again to prevent driving 5V into a 3.3V pad which would cause damage

