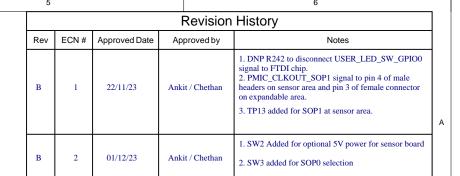
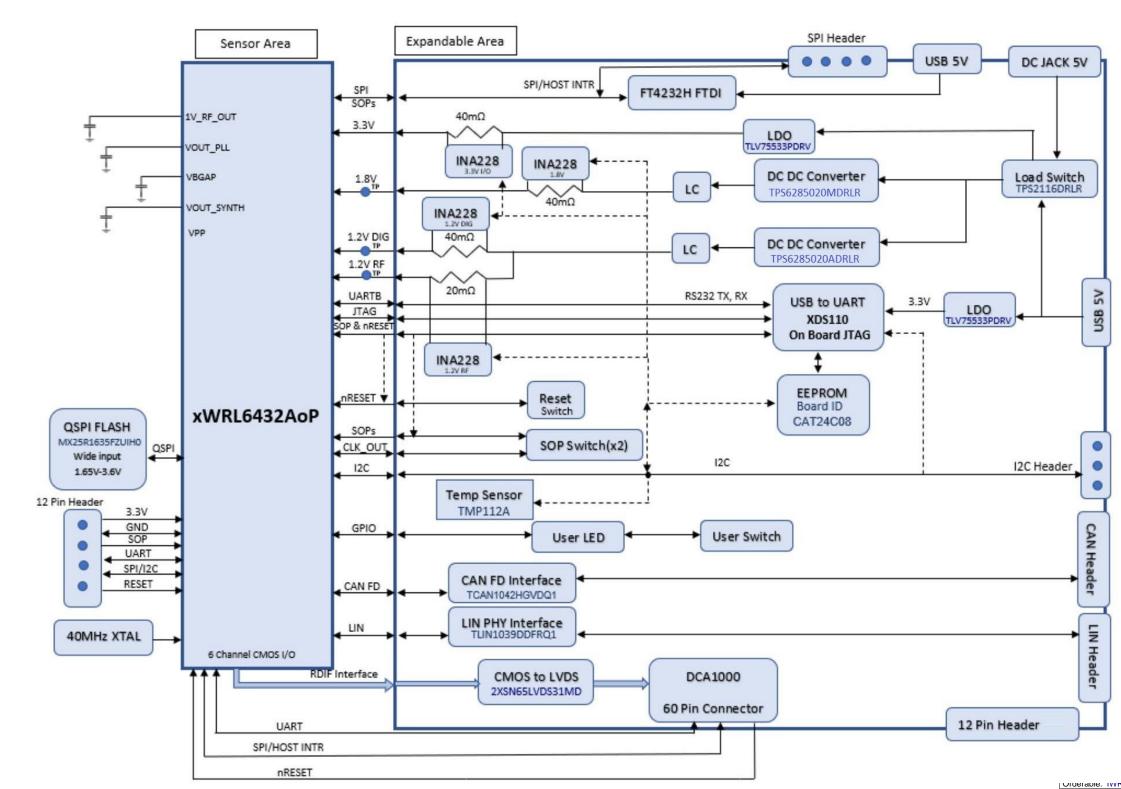
**BLOCK DIAGRAM** 





2

S.No	DESCRIPTION	12C ADDRESS
1	CURRENT SENSOR 3.3V	100 0101
2	CURRENT SENSOR 1.8V	100 0000
3	CURRENT SENSOR 1.2V	100 0001
4	CURRENT SENSOR RF_1.2V	100 0100
5	TEMPERATURE SENSOR	100 1011
6	EEPROM	1010 0XX

TID#: N/A
Number: PROC177 | Rev: B Project Title: xWRL6432AOP Sheet Title: BLOCK DIAGRAM

5

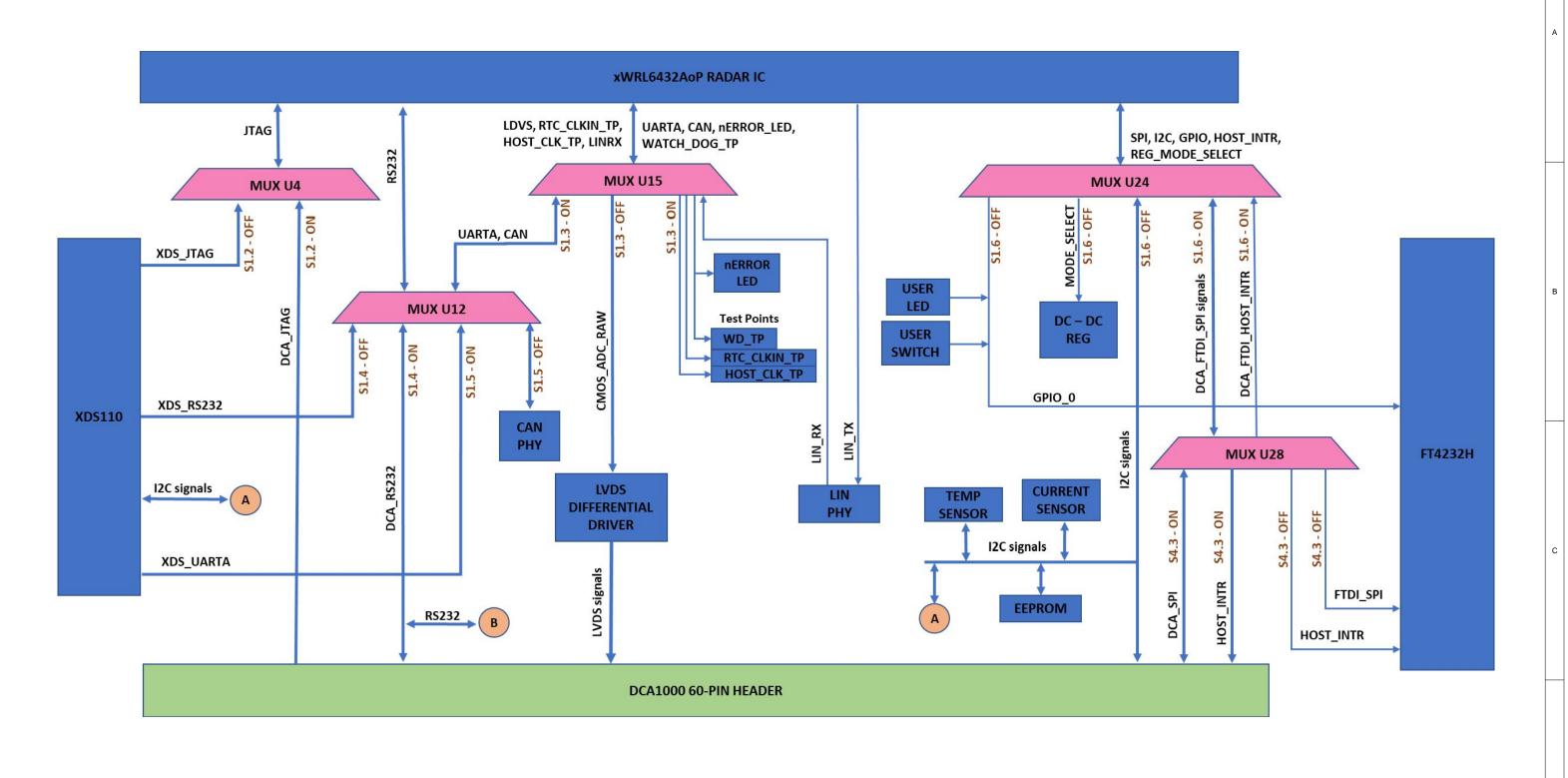
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File: PROC177B\_Block\_Diagram.SchDoc Contact: http://www.ti.com/support

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## **MUX BLOCK DIAGRAM**



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Project Title: XWRL6432AOP
Sheet Title: MUX BLOCK DIAGRAM
Assembly Variant: 001\_IWR | Sheet: 2 of 17
File: PROC177B\_MUX\_Block\_Diagram.SchDoc | Size: B TEXAS INSTRUMENTS http://www.ti.com

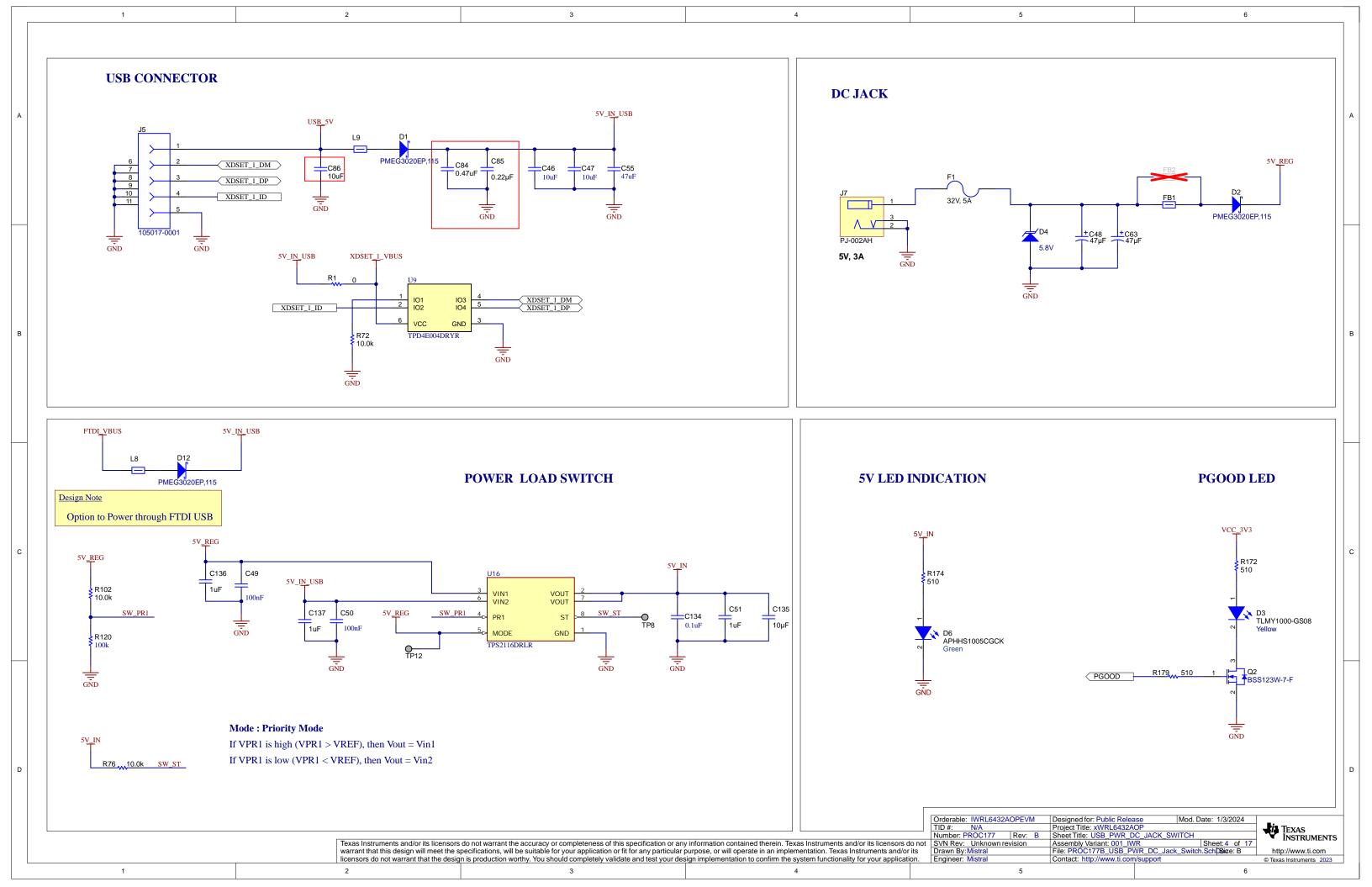
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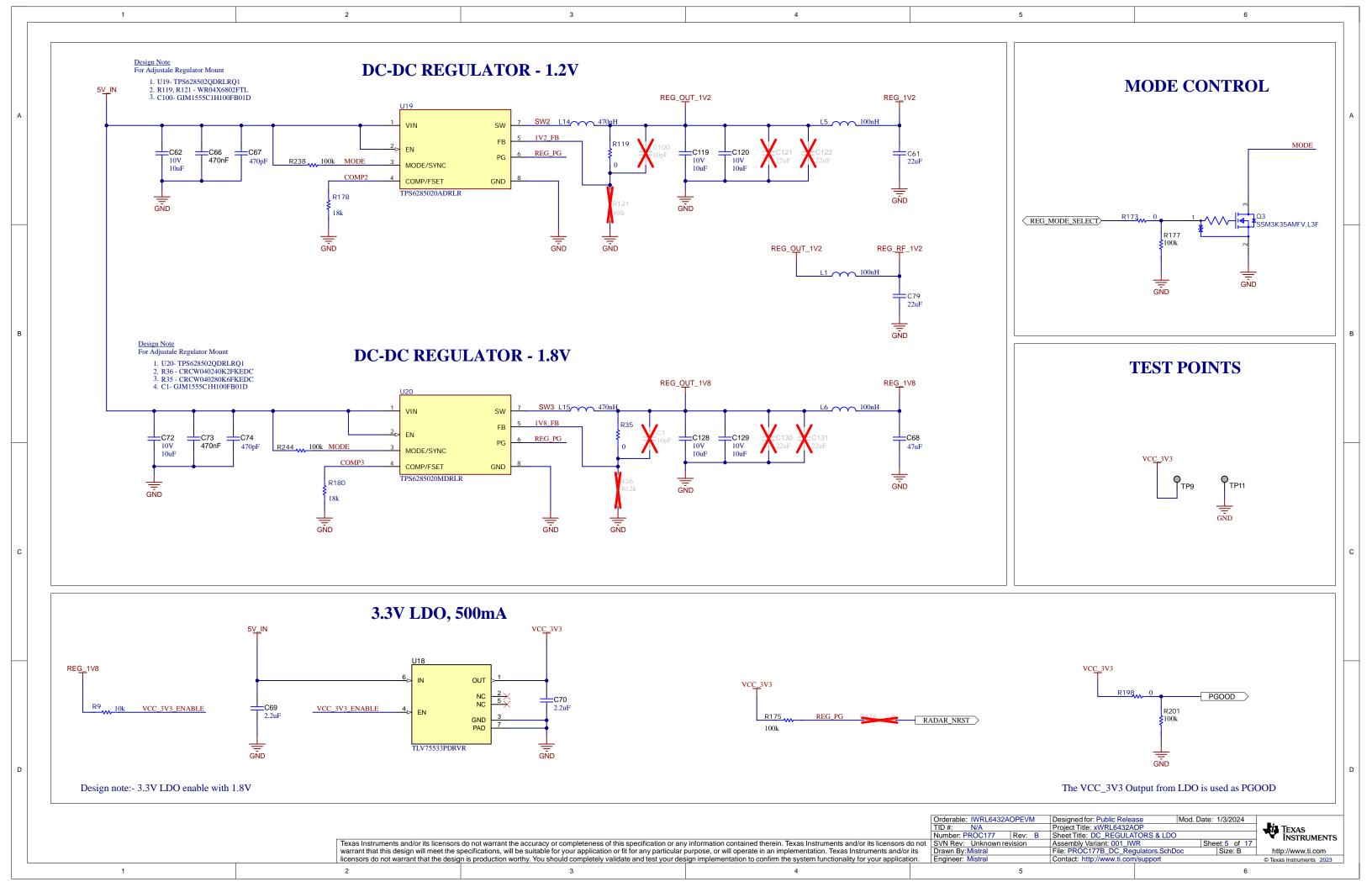
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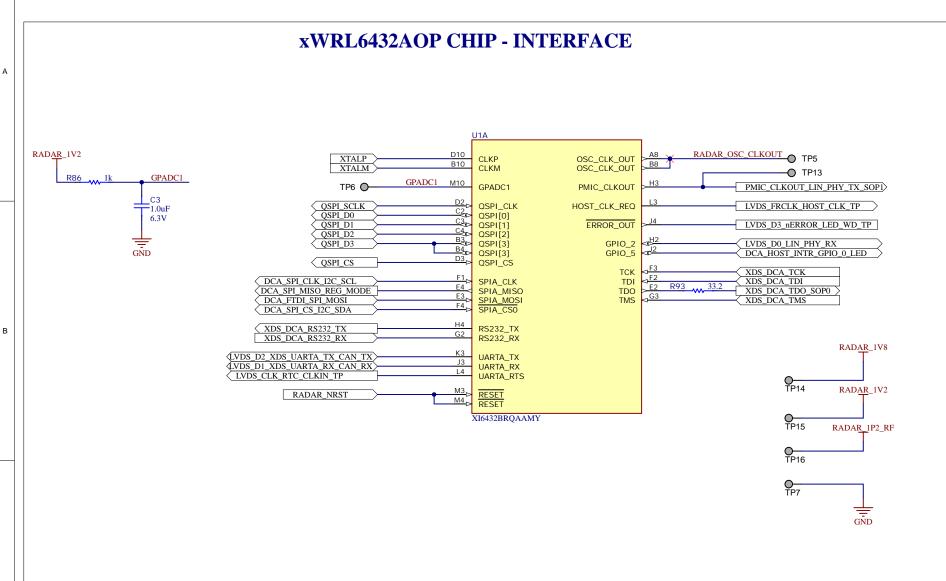
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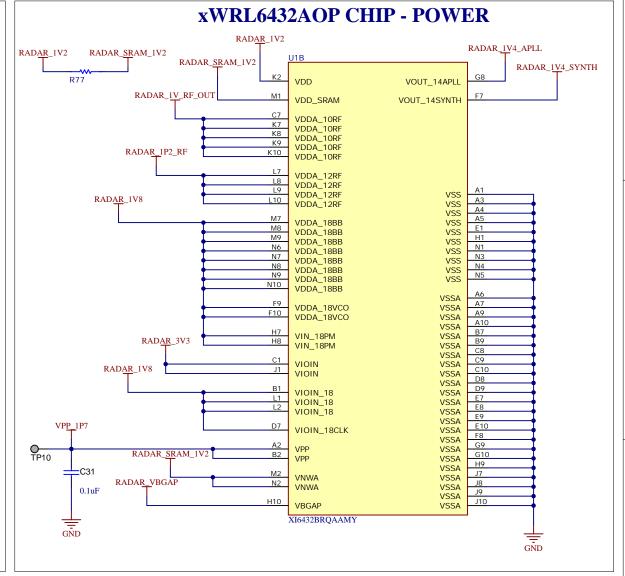
TABLE OF CONTENTS SHEET NO. SHEET NAME BLOCK DIAGRAM MUX BLOCK DIAGRAM TABLE OF CONTENTS USB\_PWR\_DC\_JACK\_SWITCH DC-DC REGULATORS & LDO xWRL6432AoP\_CHIP DECOUPLING\_CAPS-QSPI\_FLASH\_ TEMP\_CURRENT\_SENSORS\_EEPROM LVDS\_DRIVER ANALOG\_MUX\_SOP\_CTRL 10 ANALOG\_MUX\_SPI\_DCA/FTDI 12 XDS110\_INTERFACE 13 CAN\_LIN\_PHY\_INTERFACE FTDI- USB to SPI CONVERTER 15 DCA1000\_CONN\_RESET 16 I2C\_SPI\_CONN\_HEADER EVM\_HARDWARE Orderable: IWRL6432AOPEVM Designed for: Public Release TEXAS INSTRUMENTS http://www.ti.com 5

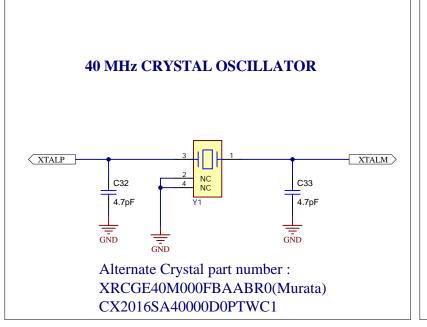


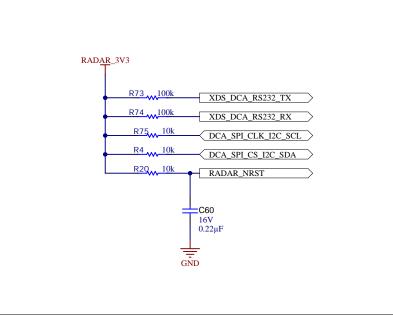


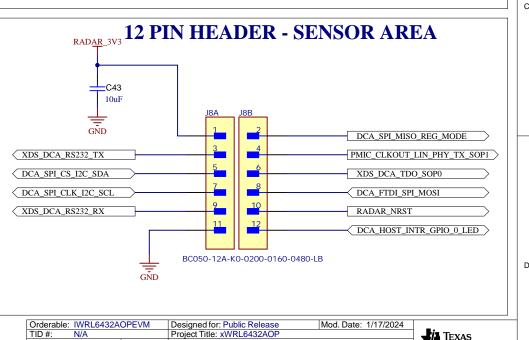
## xWRL6432AOP CHIP (SENSOR BOARD)











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mber: PROC177 Rev: B Sheet Title: xWRL6432AOP\_CHIP
N Rev: Unknown revision Assembly Variant: 001\_WR Sheet: 6 of 17
pineer: Mistral Flie: PROC177B\_xWRL6432AOP\_Chip.SchDoc Size: B
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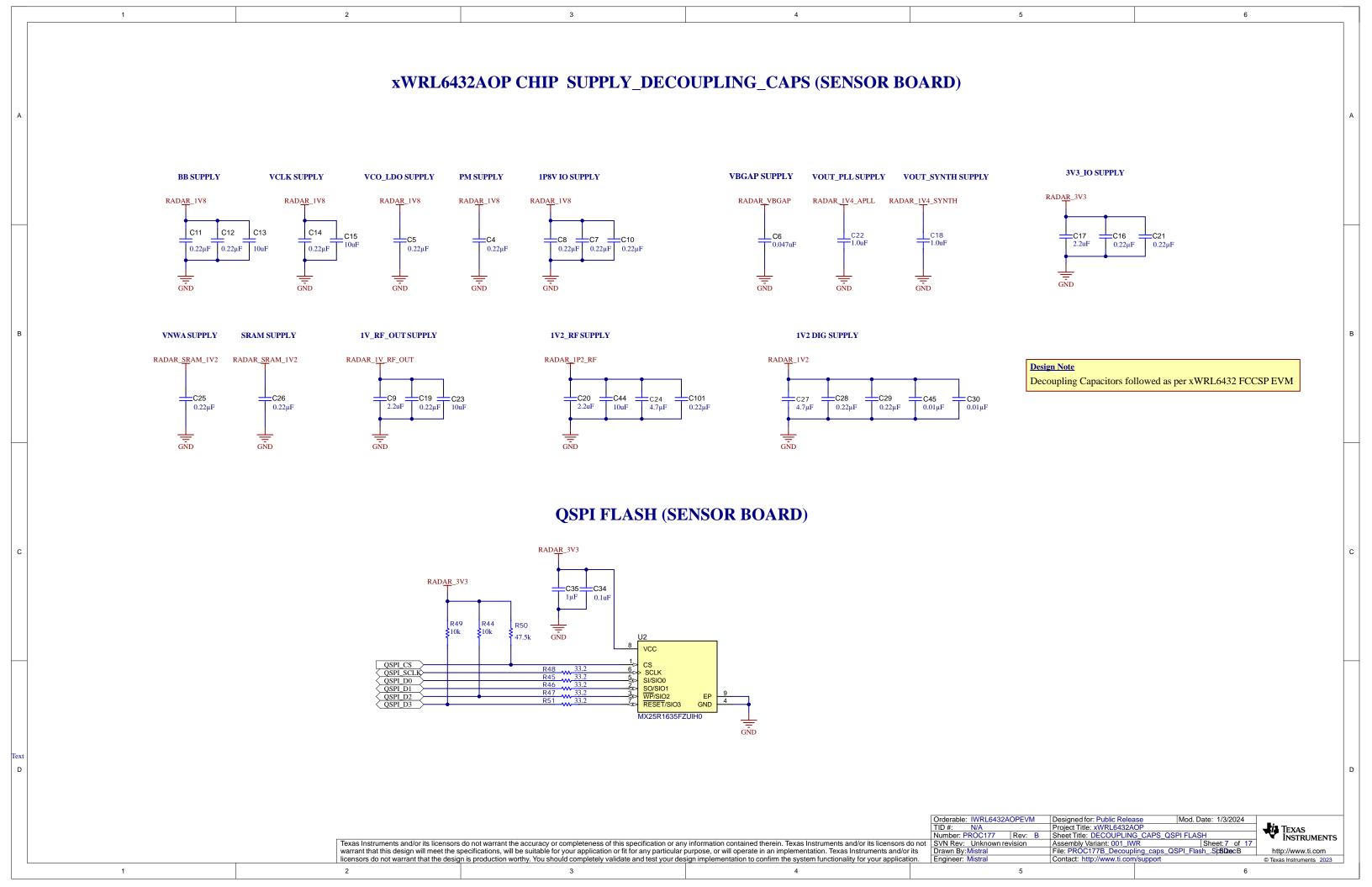
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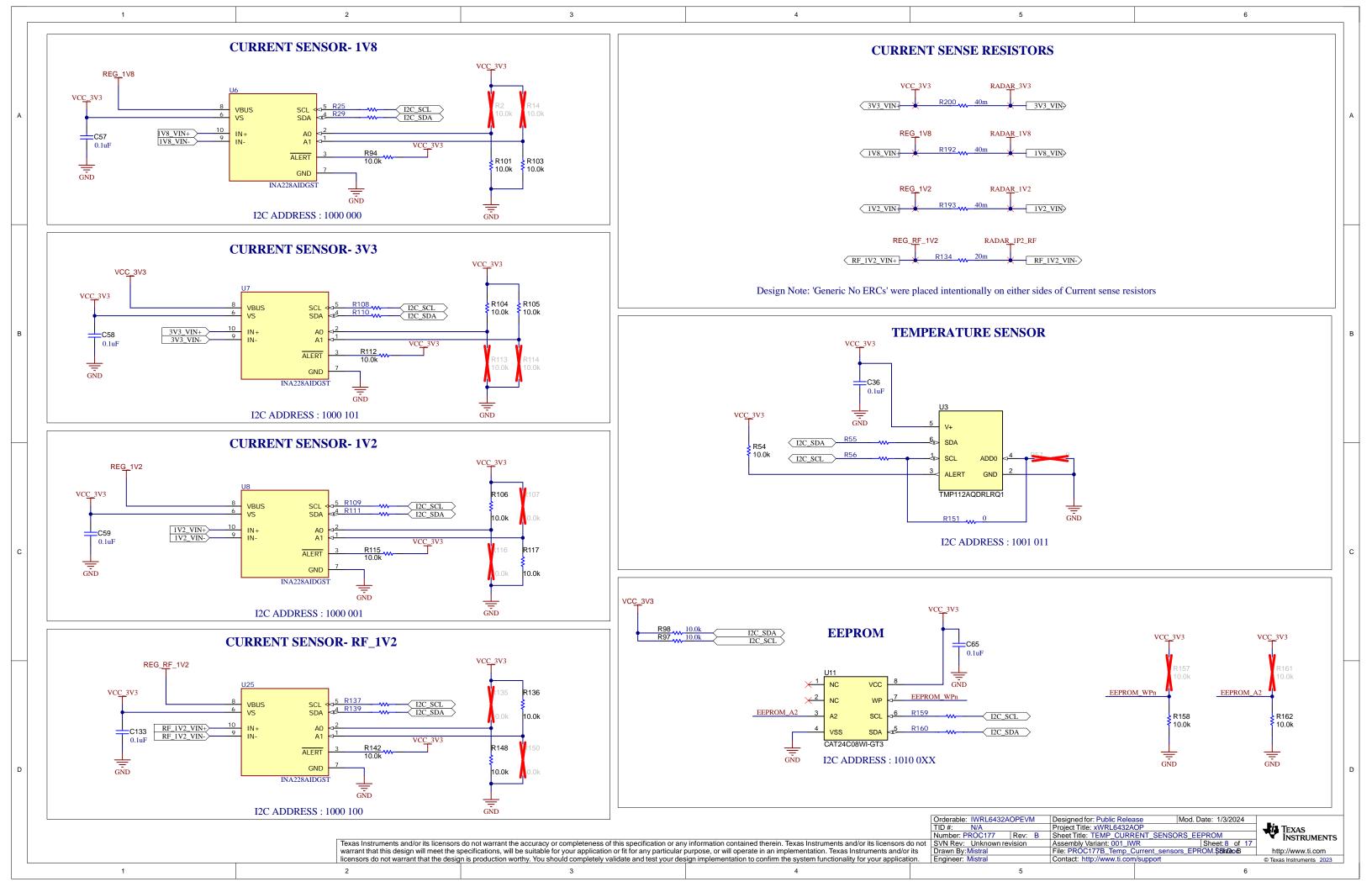
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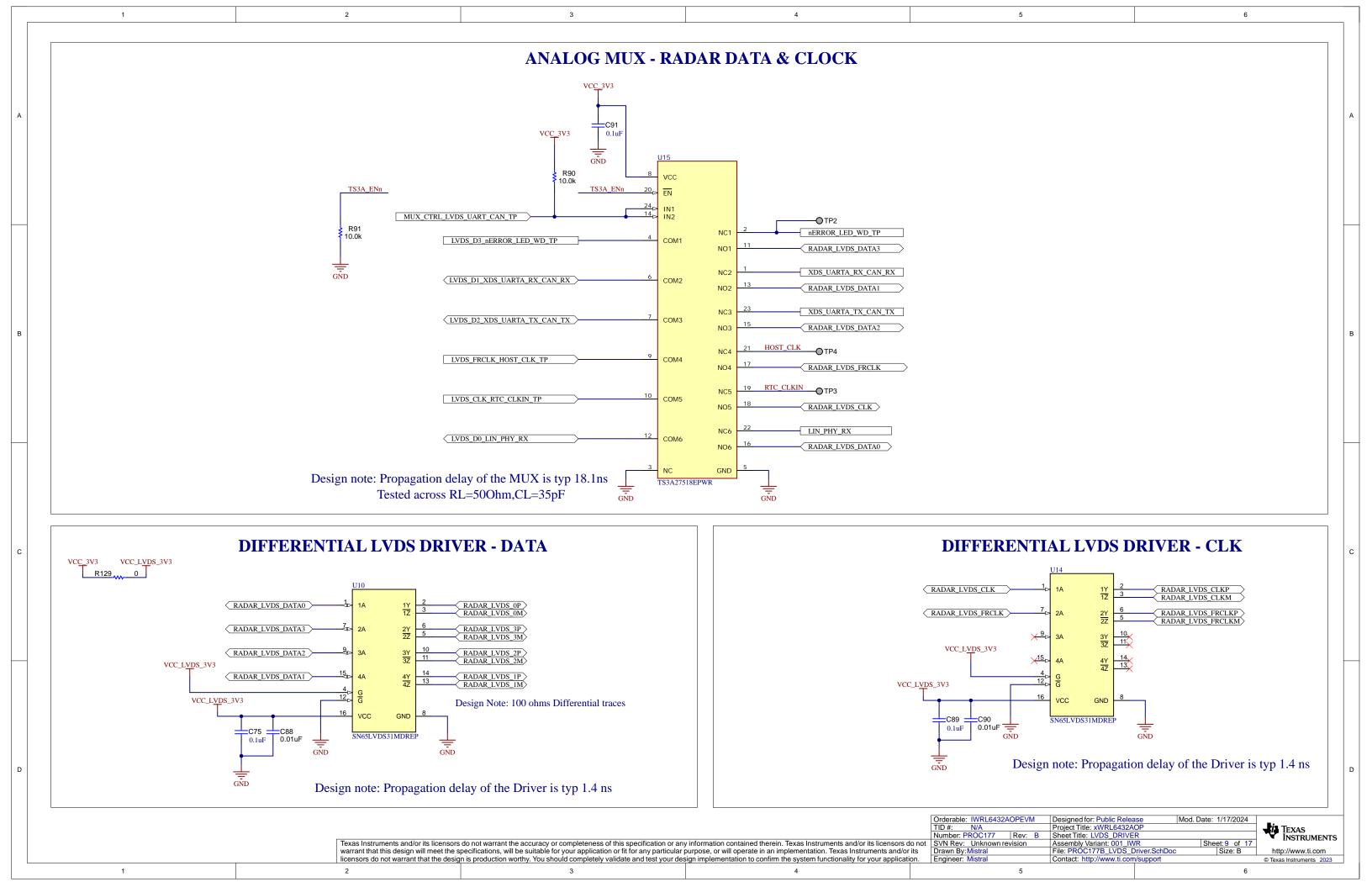
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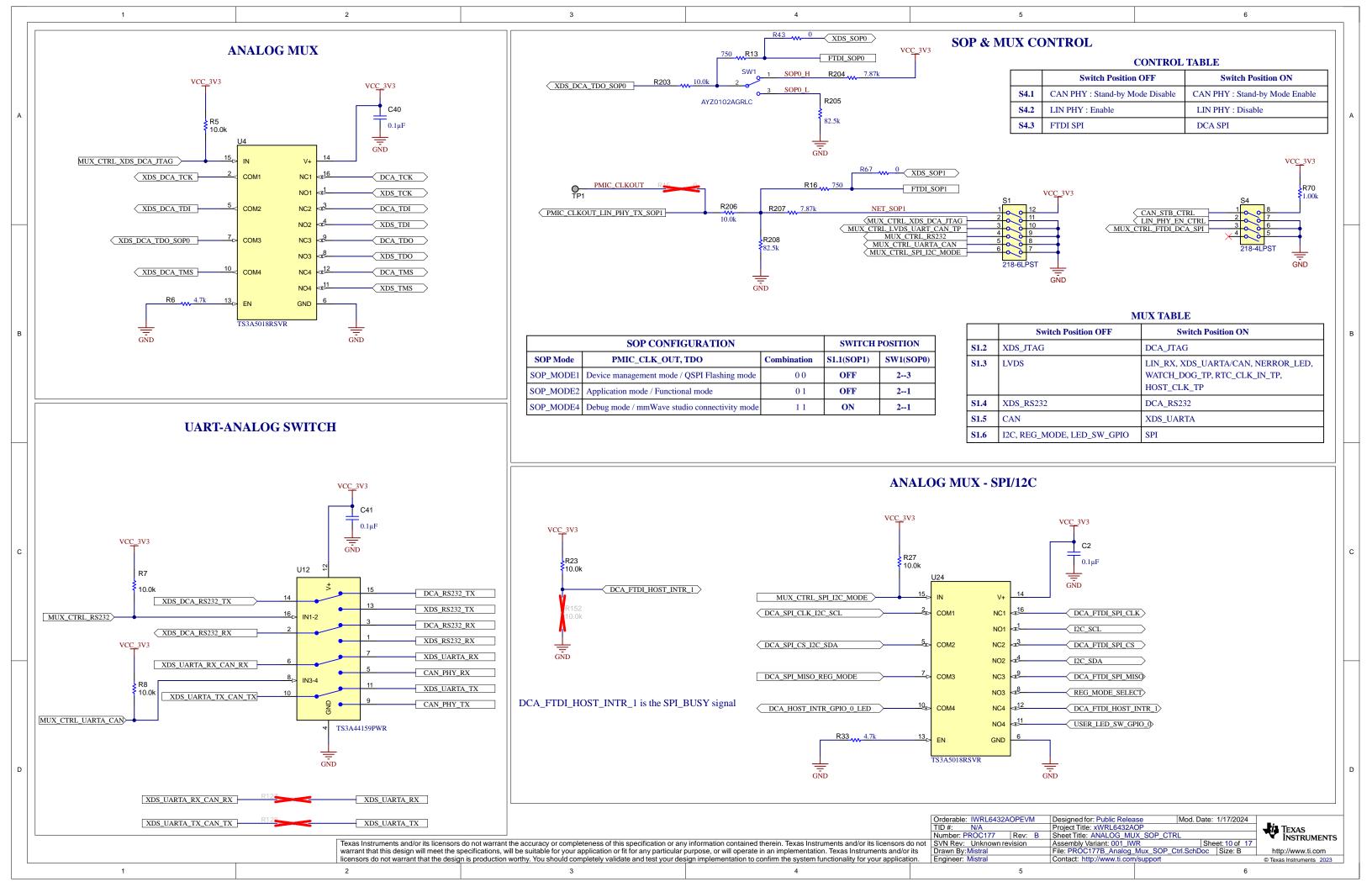
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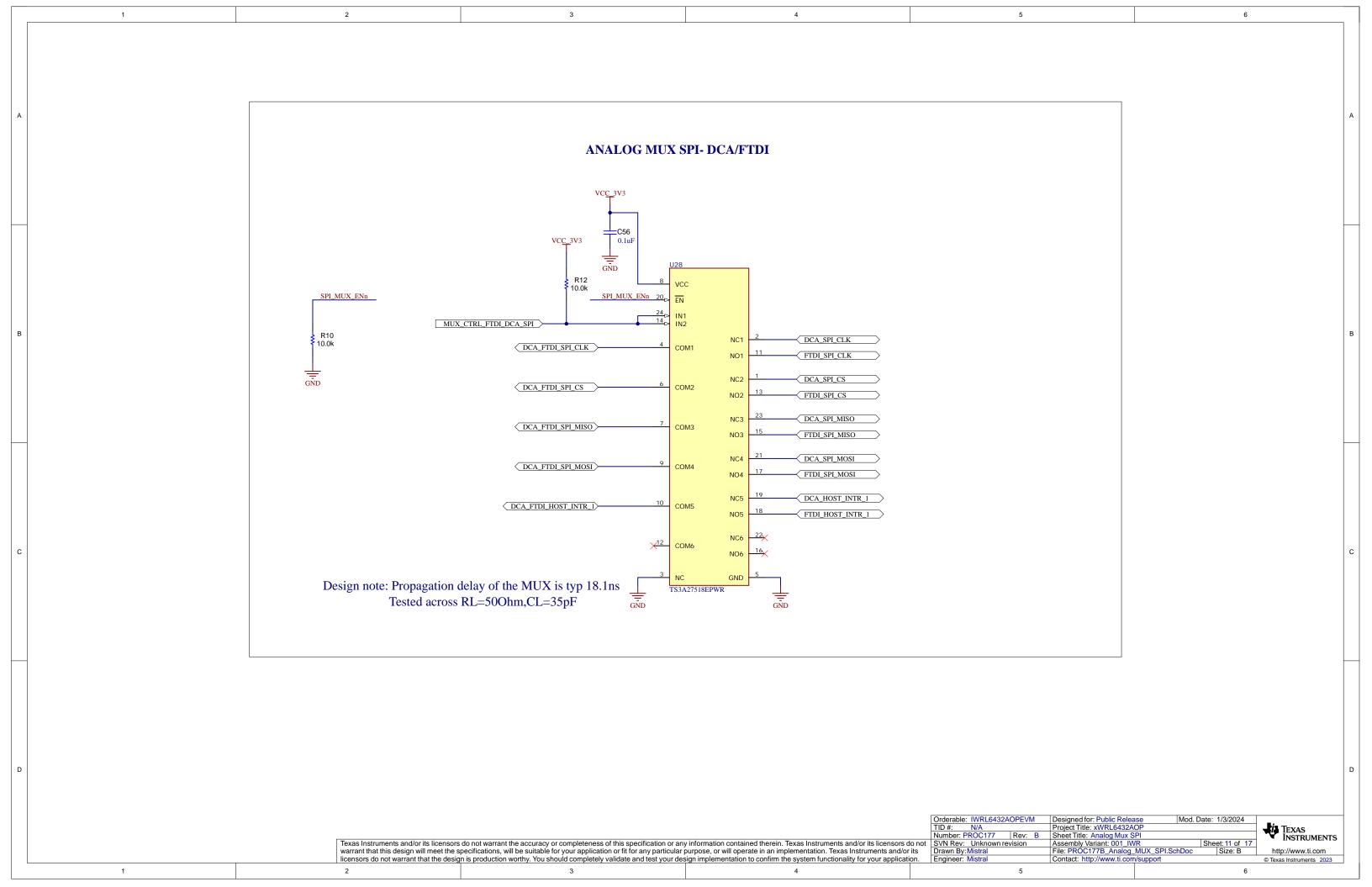
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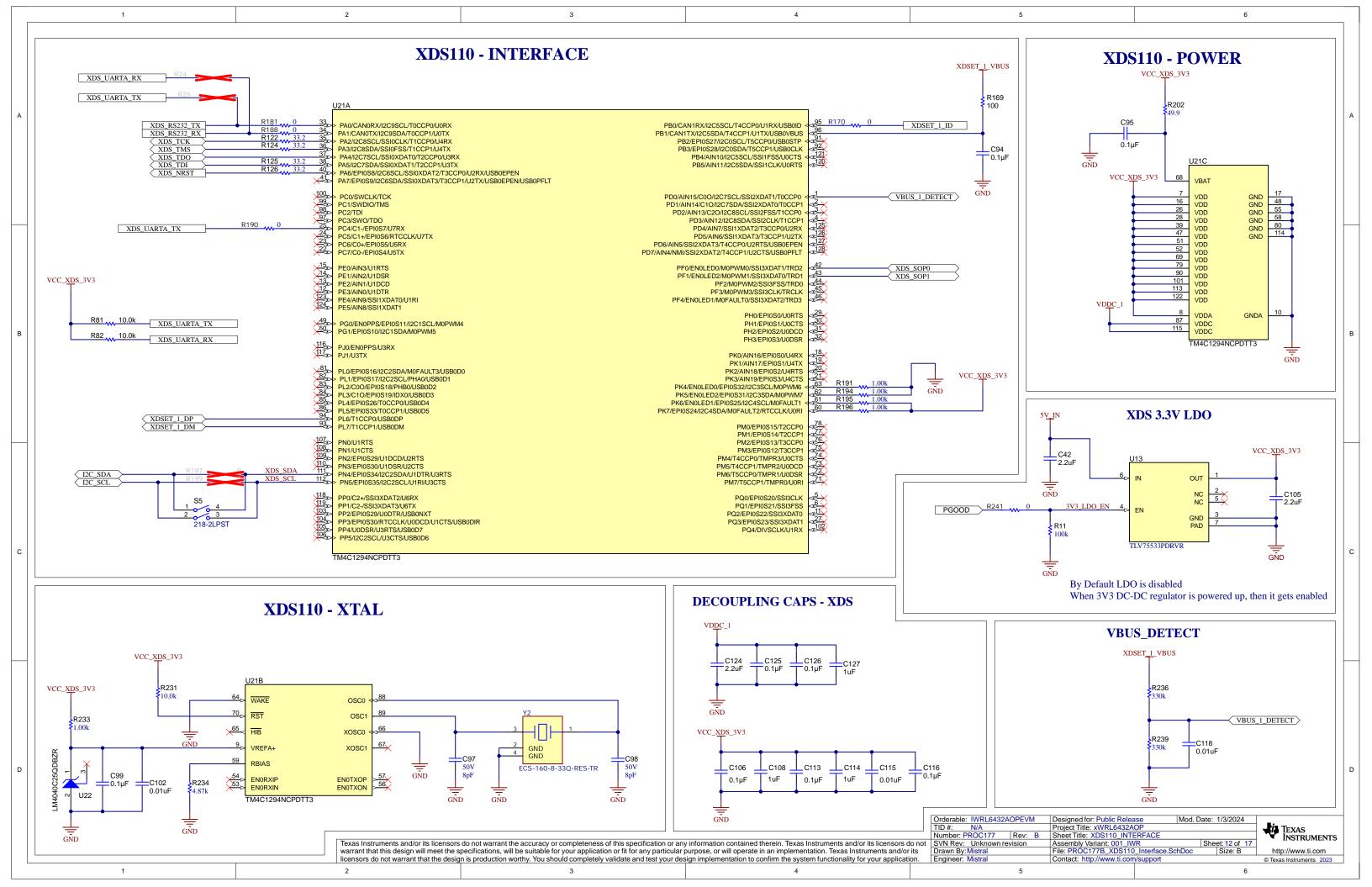


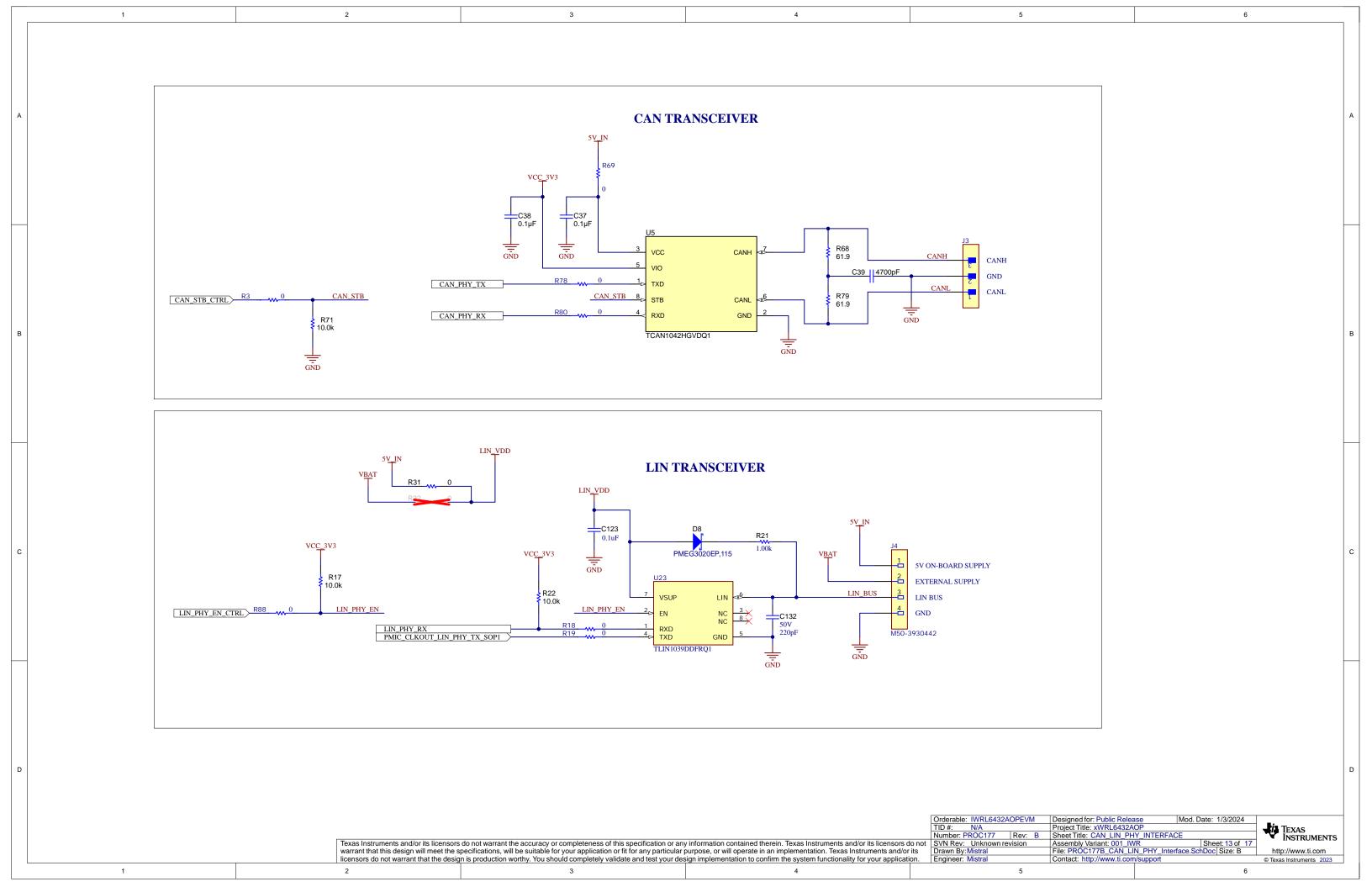


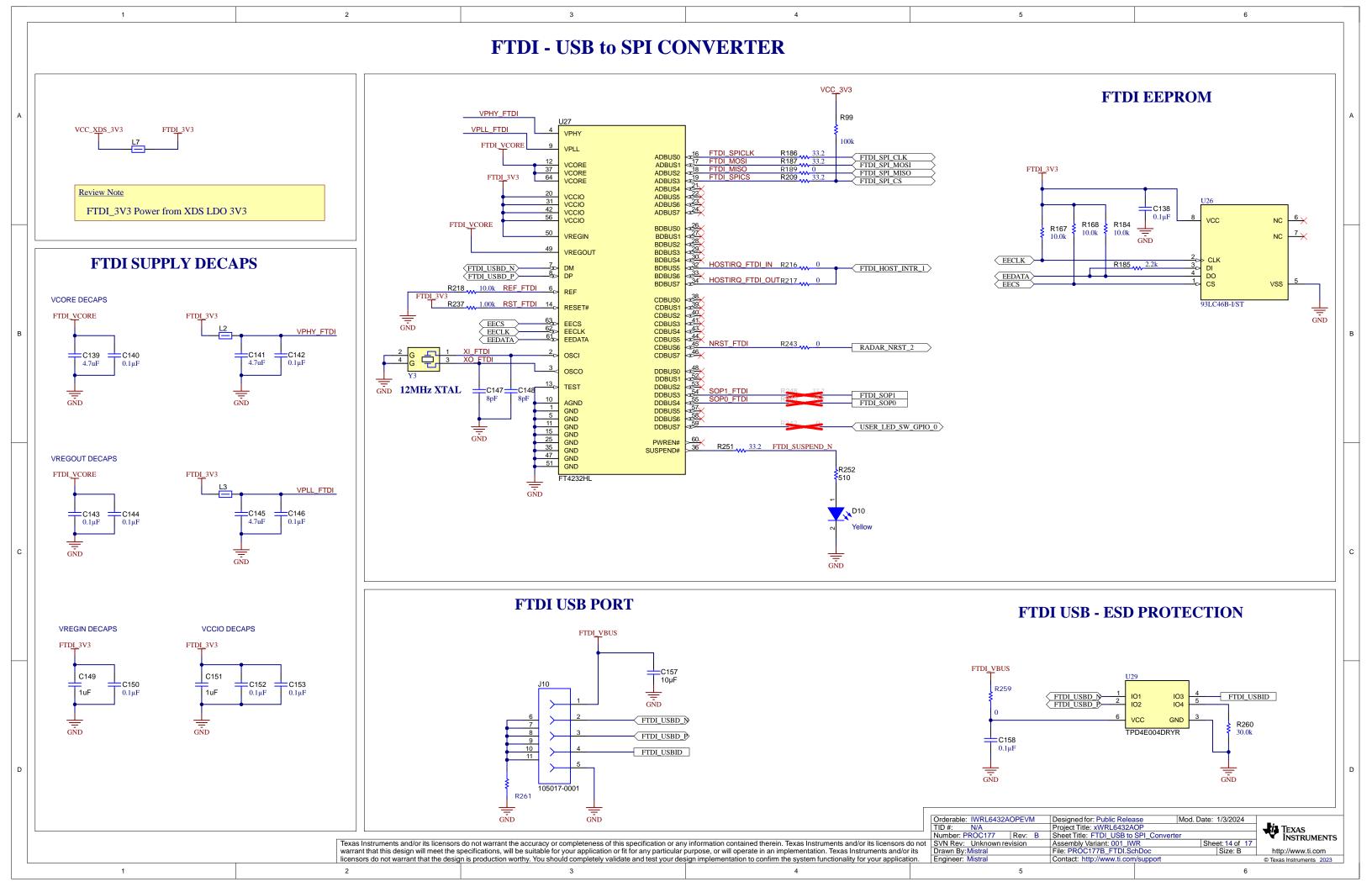


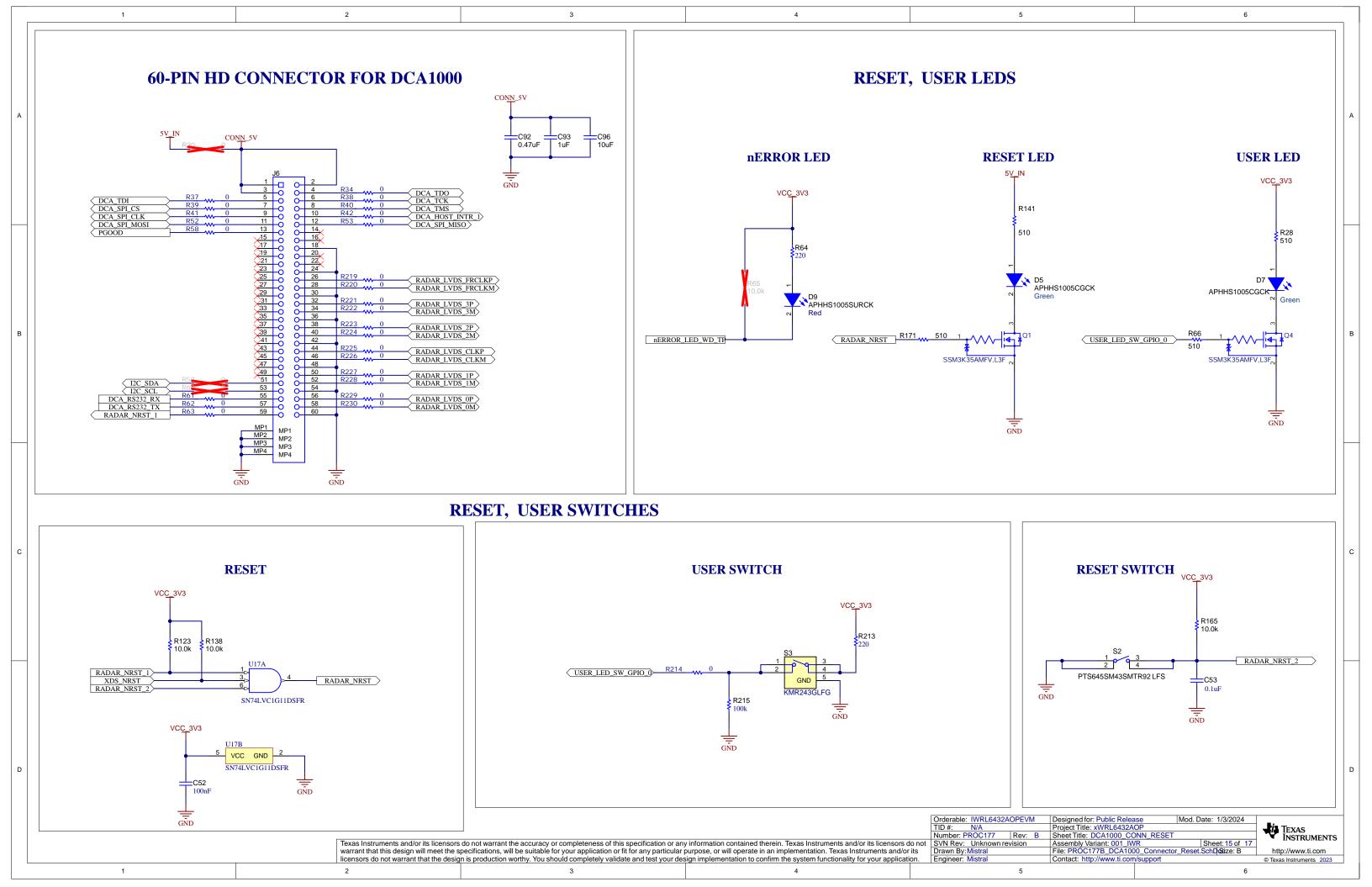


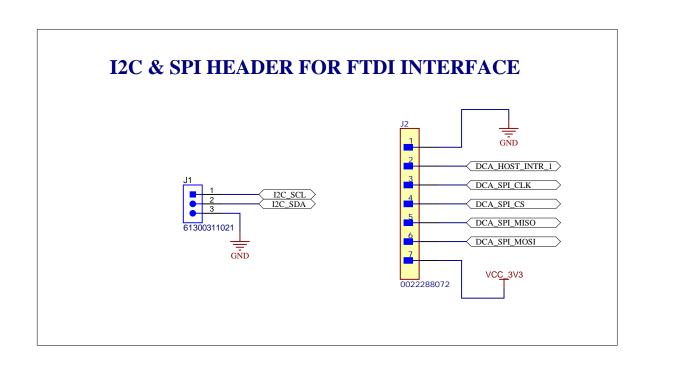


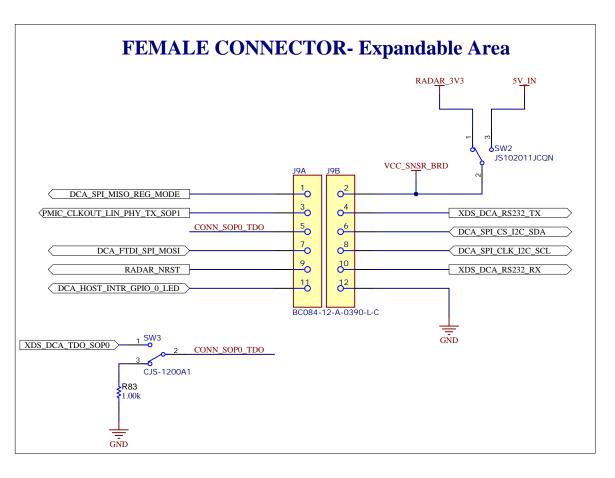












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Project Title: xWRL6432AOP |
Sheet Title: I2C\_SPI\_INTERFACE\_CONN\_HEADER |
Assembly Variant: 001\_IWR | Sheet: 16 of 17 |
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TID #: N/A

Number: PROC177 | Rev: B

SVN Rev: Unknown revision

Drawn By: Mistral

Engineer: Mistral

