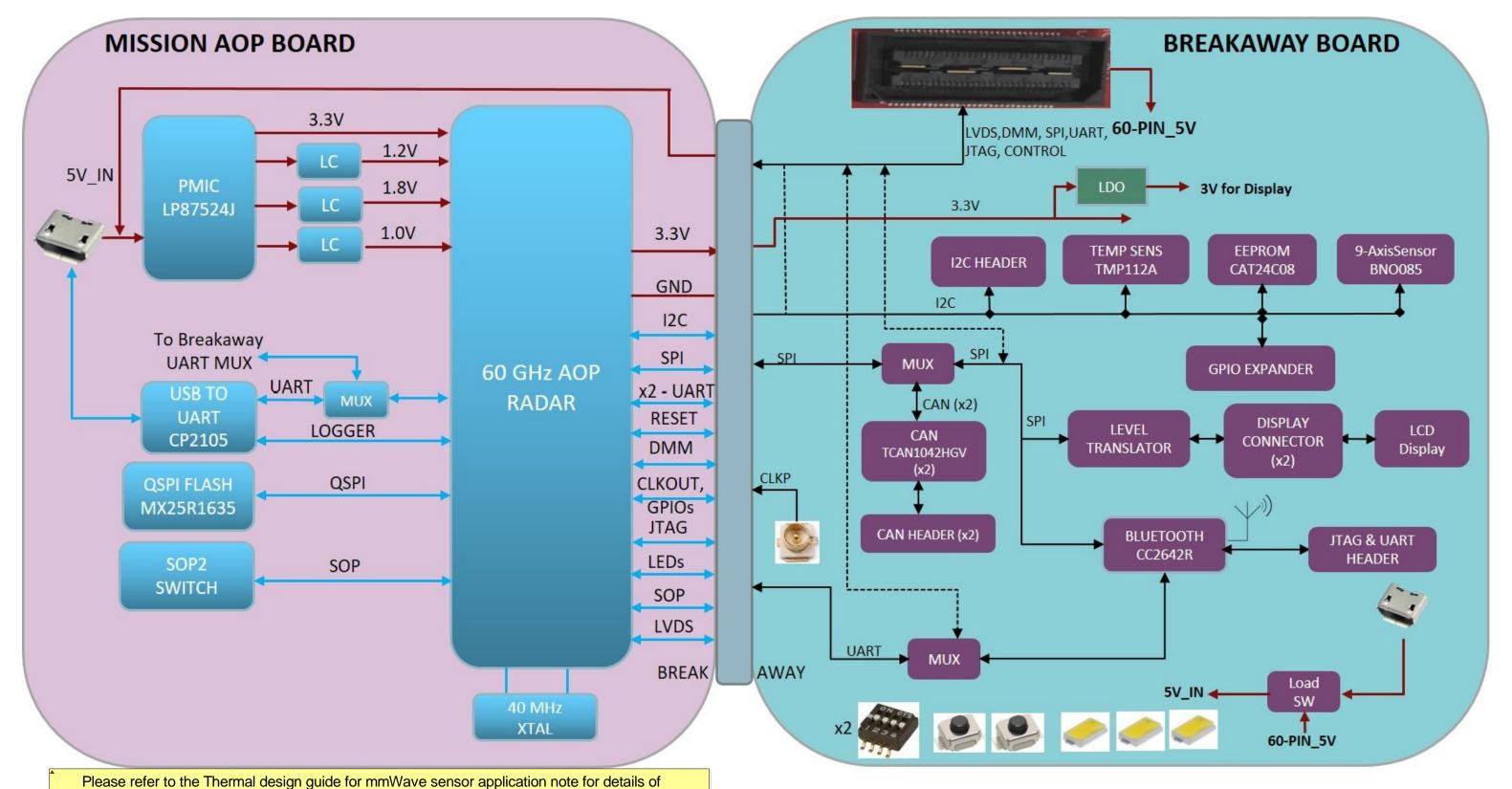
6 5 **Revision History** Rev ECN# Approved by Notes N/A N/A



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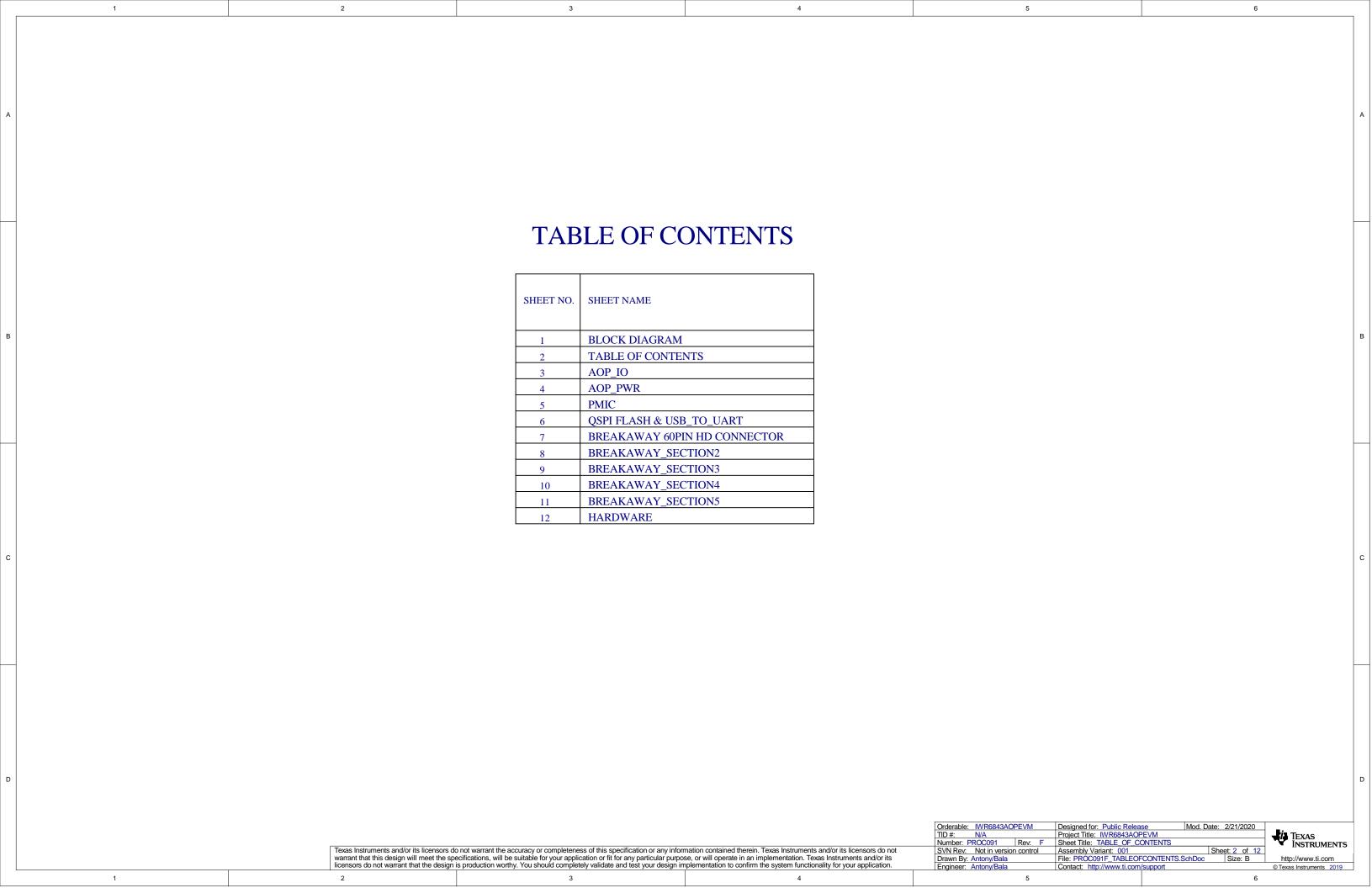
Orderable: IWR6843AOPEVM Mod. Date: 5/8/2020 Designed for: Public Release TEXAS INSTRUMENTS Sheet Title: BLOCK_DIAGRAM Sheet: 1 of 12 Size: B SVN Rev: Not in version control Assembly Variant: 001
File: PROC091F_BLOCK_DIAGRAM.SchDoc Drawn By: Antony/Bala

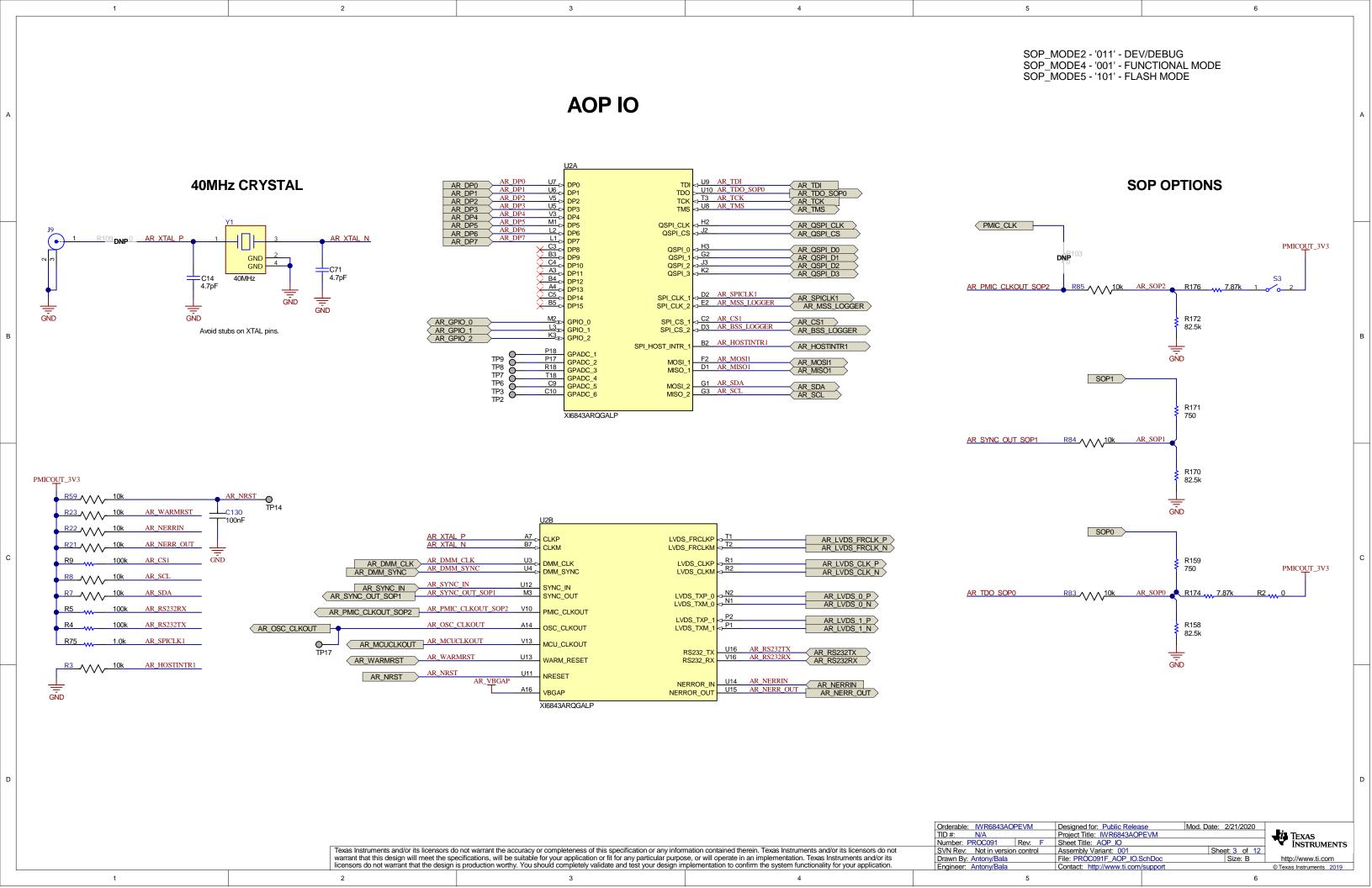
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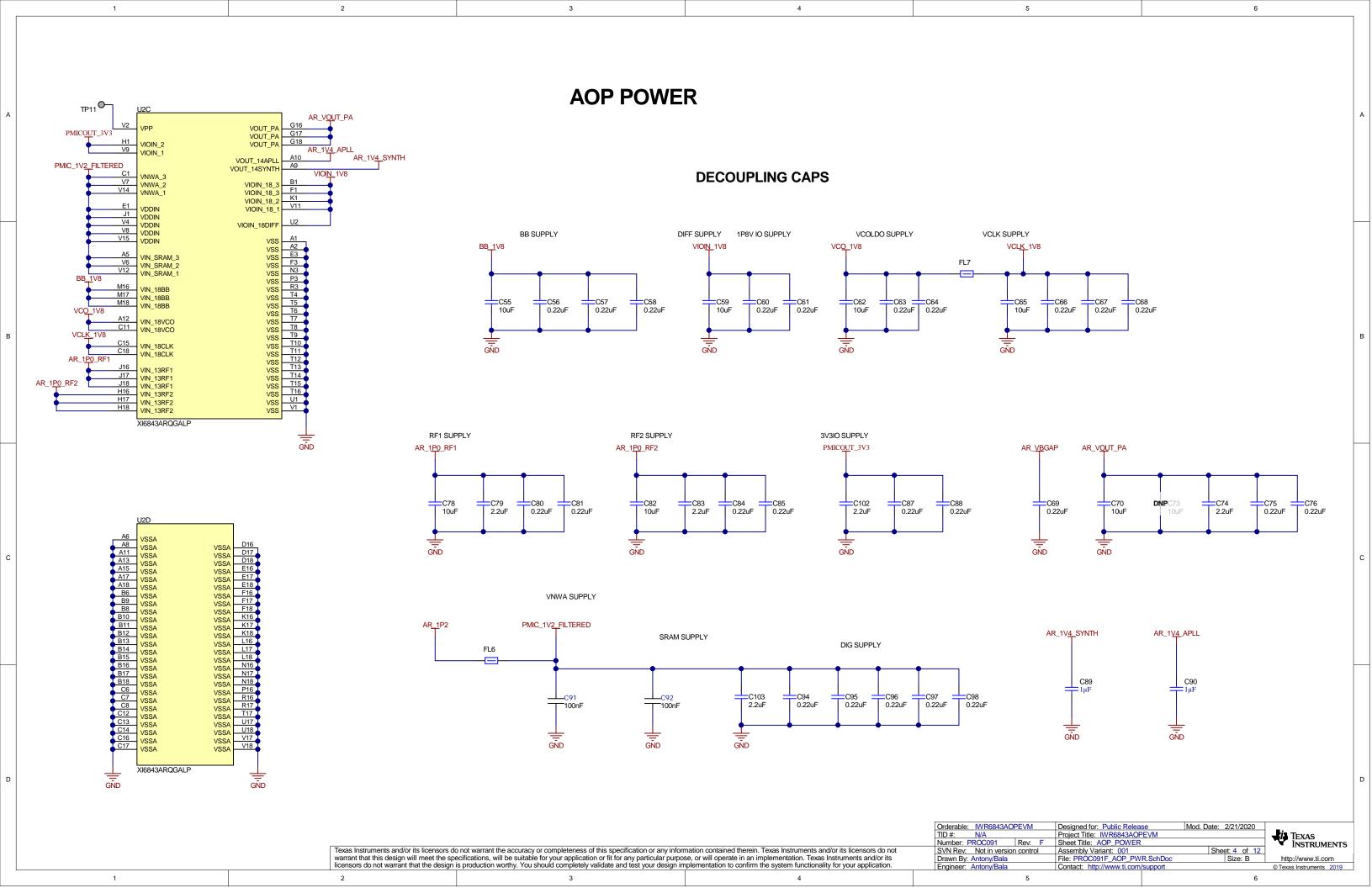
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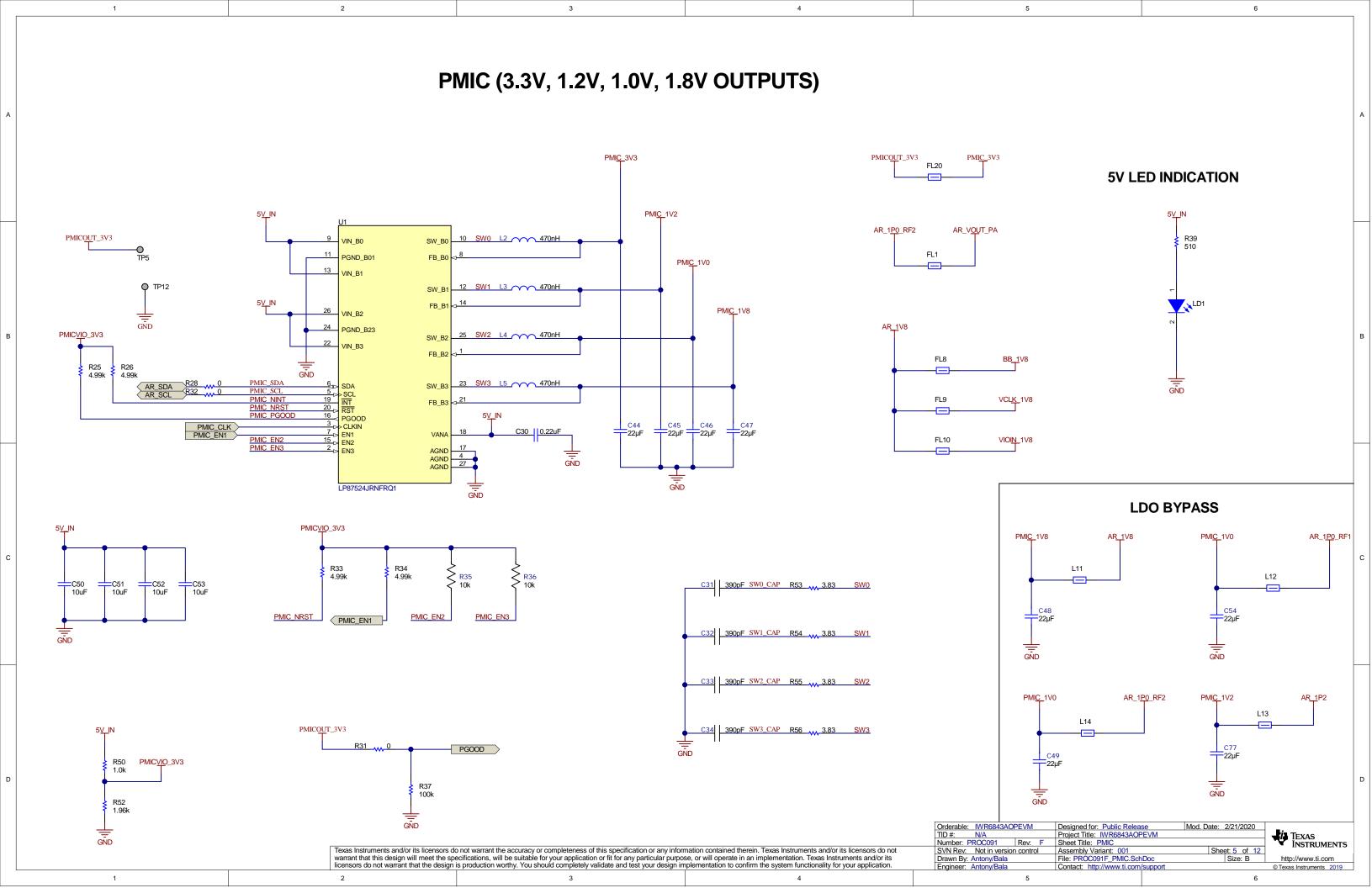
Thermal dissipation options for xWR6843 AOP Devices, particular for small form factor designs like the mission side of the EVM."

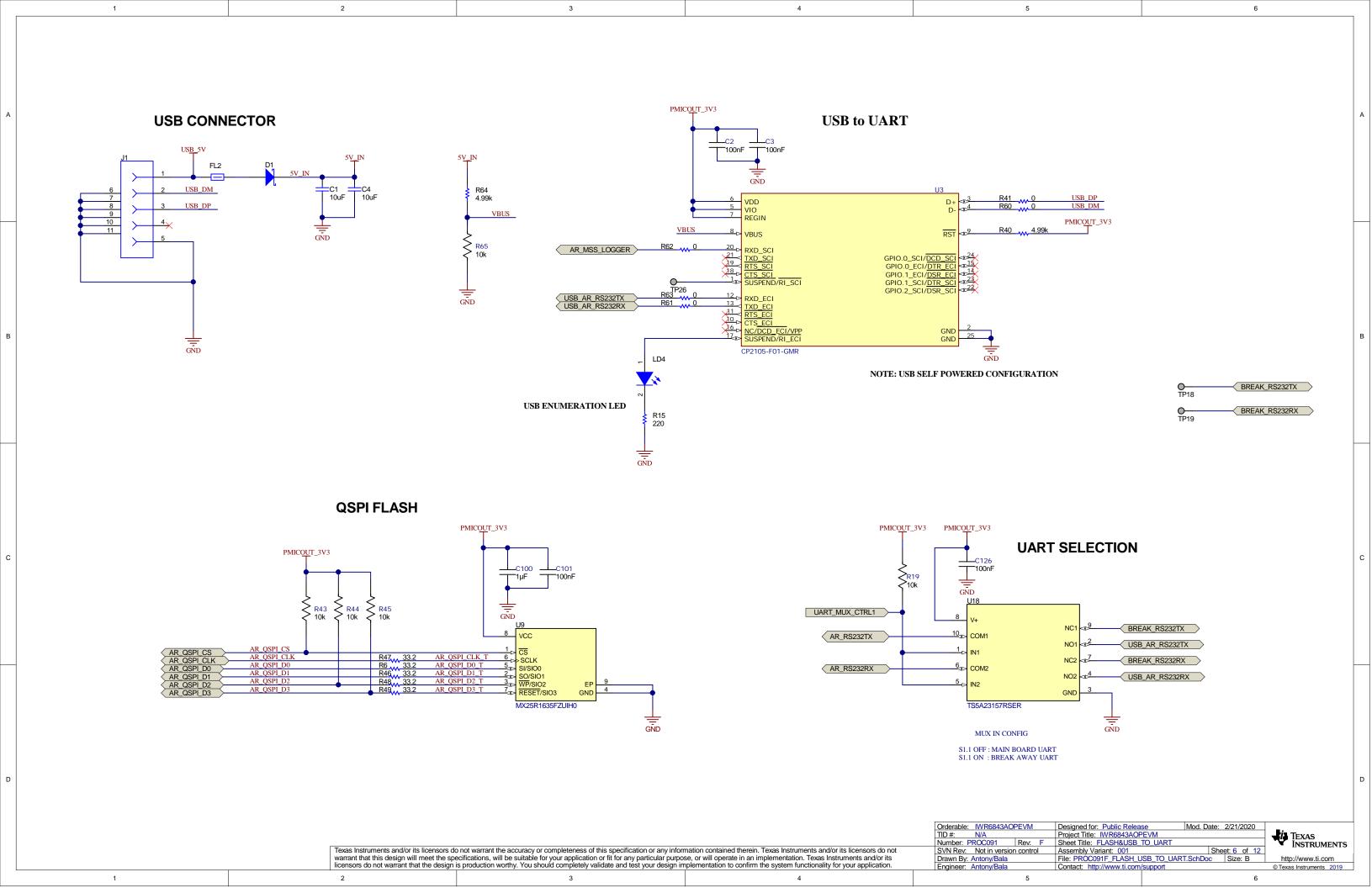
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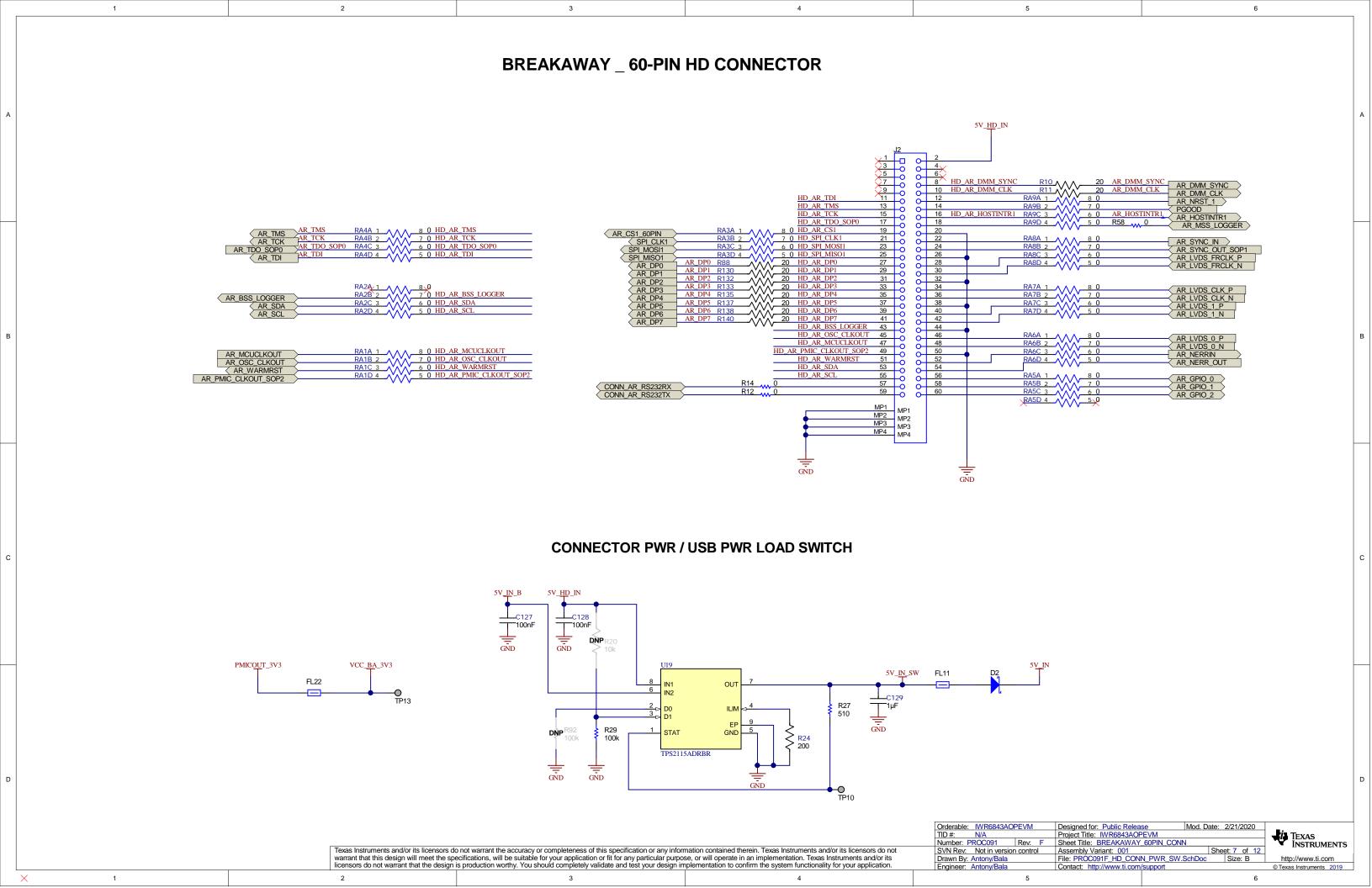


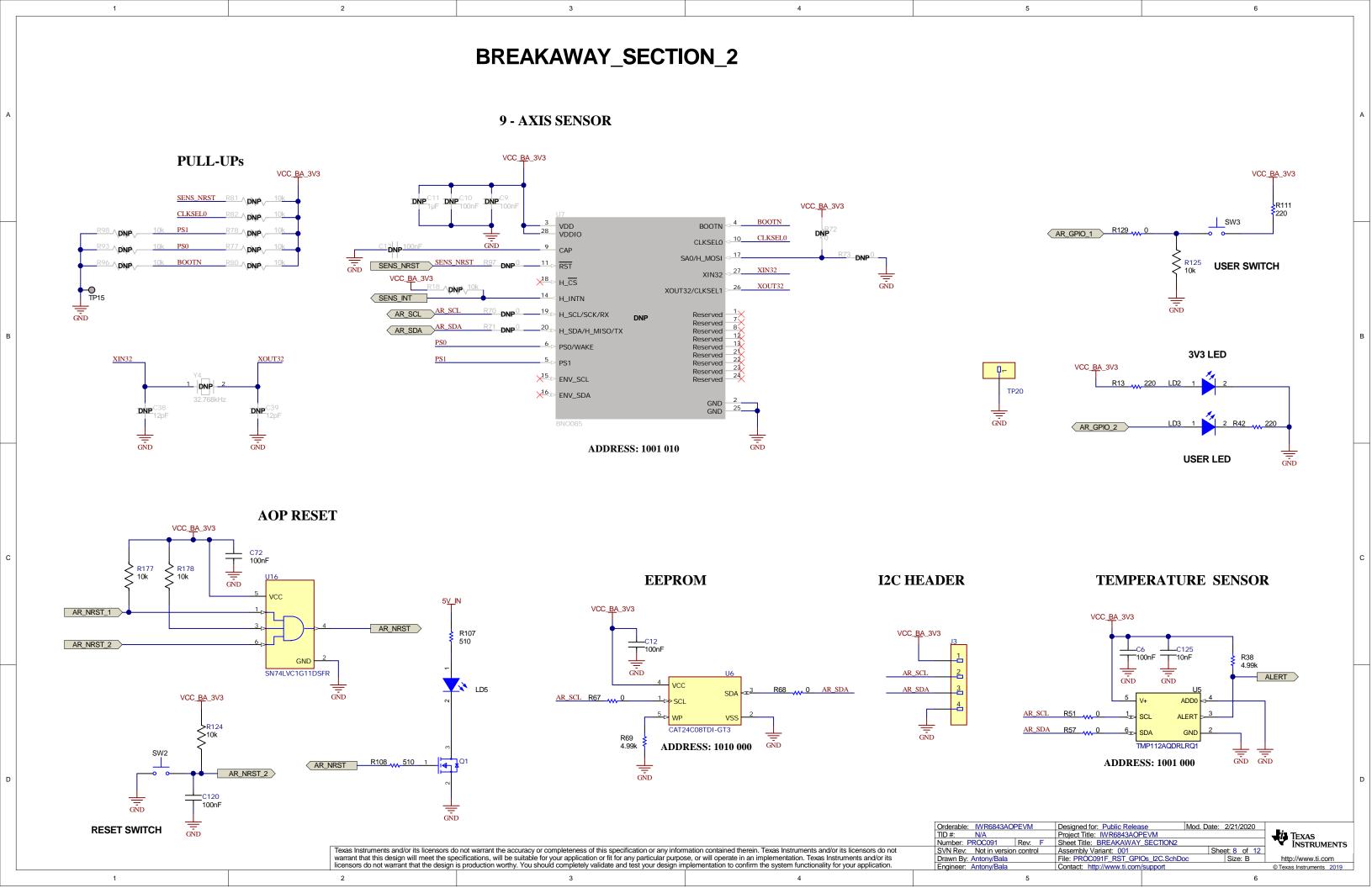


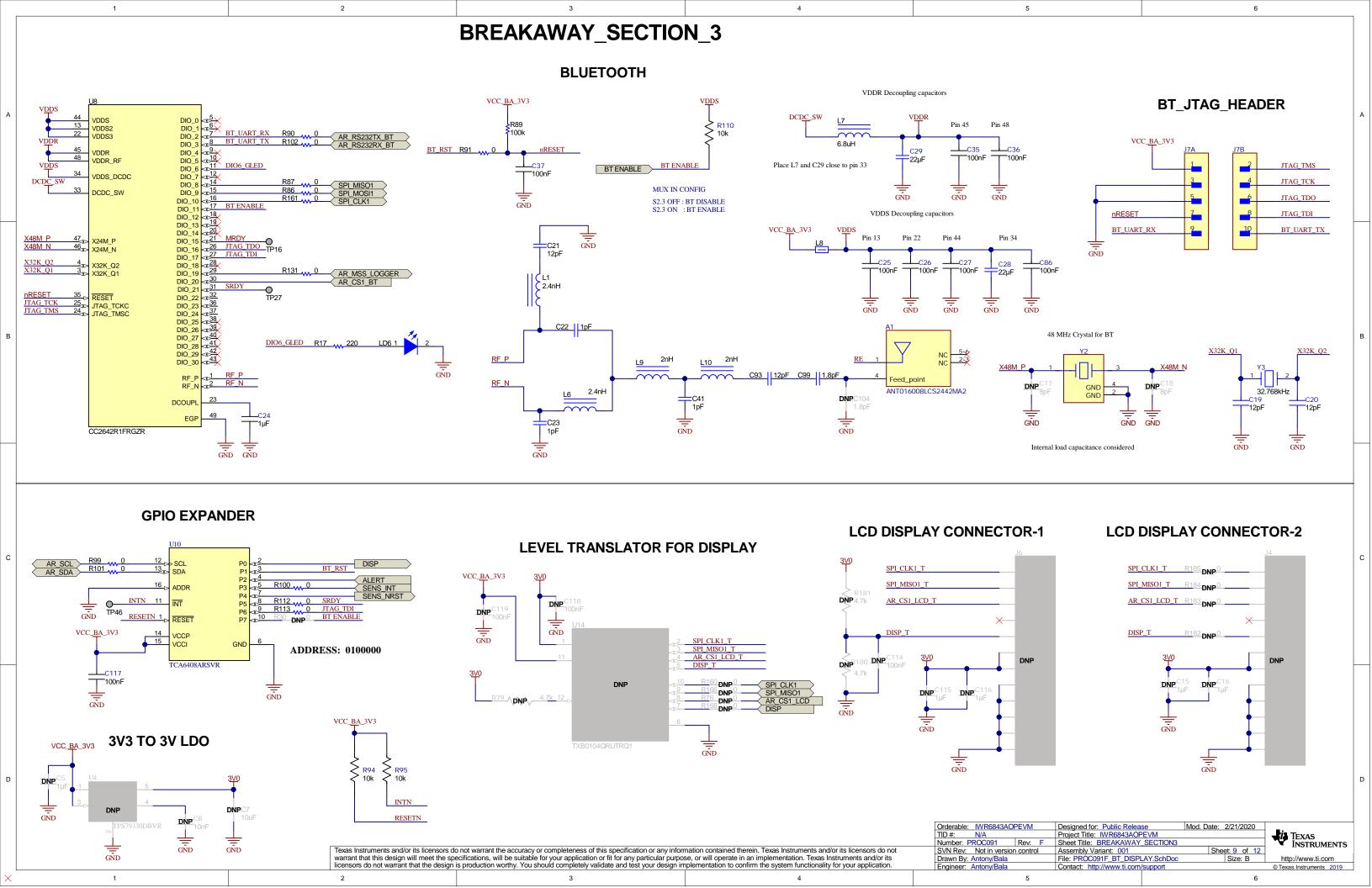






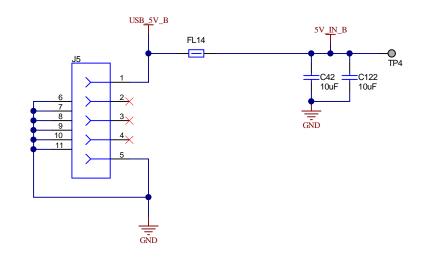




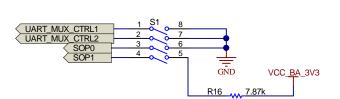


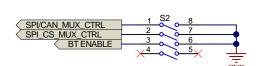
BREAKAWAY_SECTION_4

USB CONNECTOR

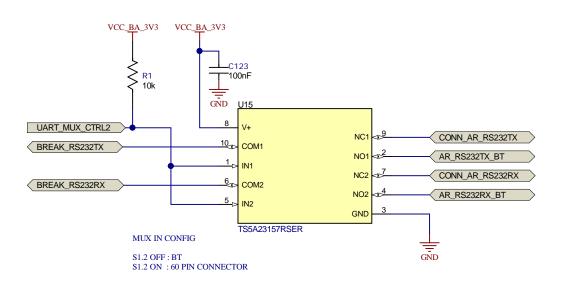


SWITCH CONTROL MUX SELECTION, SOPS, BT CONTROL





ANALOG MUX SELECTION FOR UART



SOP CONFIGURATION

Mode	SOP0 (S1.3)	SOP1 (S1.4)	SOP2 (S3)
Functional Mode	OFF	OFF	OFF
Flash Mode	OFF	OFF	ON
MMWAVEICEBOOST mode			
(DCA1000, JTAG, and so forth)	OFF	ON	OFF

PIN MUX SETTINGS

Designator	Switch ON	Switch OFF
S1.1	Breakaway UART	CP2105UART
S1.2	60 Pin UART	BT UART
S2.1	CAN	SPI
S2.2	60 Pin CS	BT/LCD CS
S2.3	BT Enable	BT Disable

PIN MUX SETTINGS

	S1.1	S1.2	S2.1	S2.2	S2.3
Stand alone Mode	OFF	N/A	N/A	N/A	N/A
MMWAVEICEBOOST	ON	ON	OFF	OFF	N/A

Orderable: IWR6843AOPEVM
TID#: N/A
Number: PROC091 Rev: F
SVN Rev: Not in version control
Drawn By: Antony/Bala Mod. Date: 2/21/2020 Designed for: Public Release TEXAS INSTRUMENTS Assembly Variant: 001
File: PROC091F_ANALOG_MUX.SchDoc

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2

