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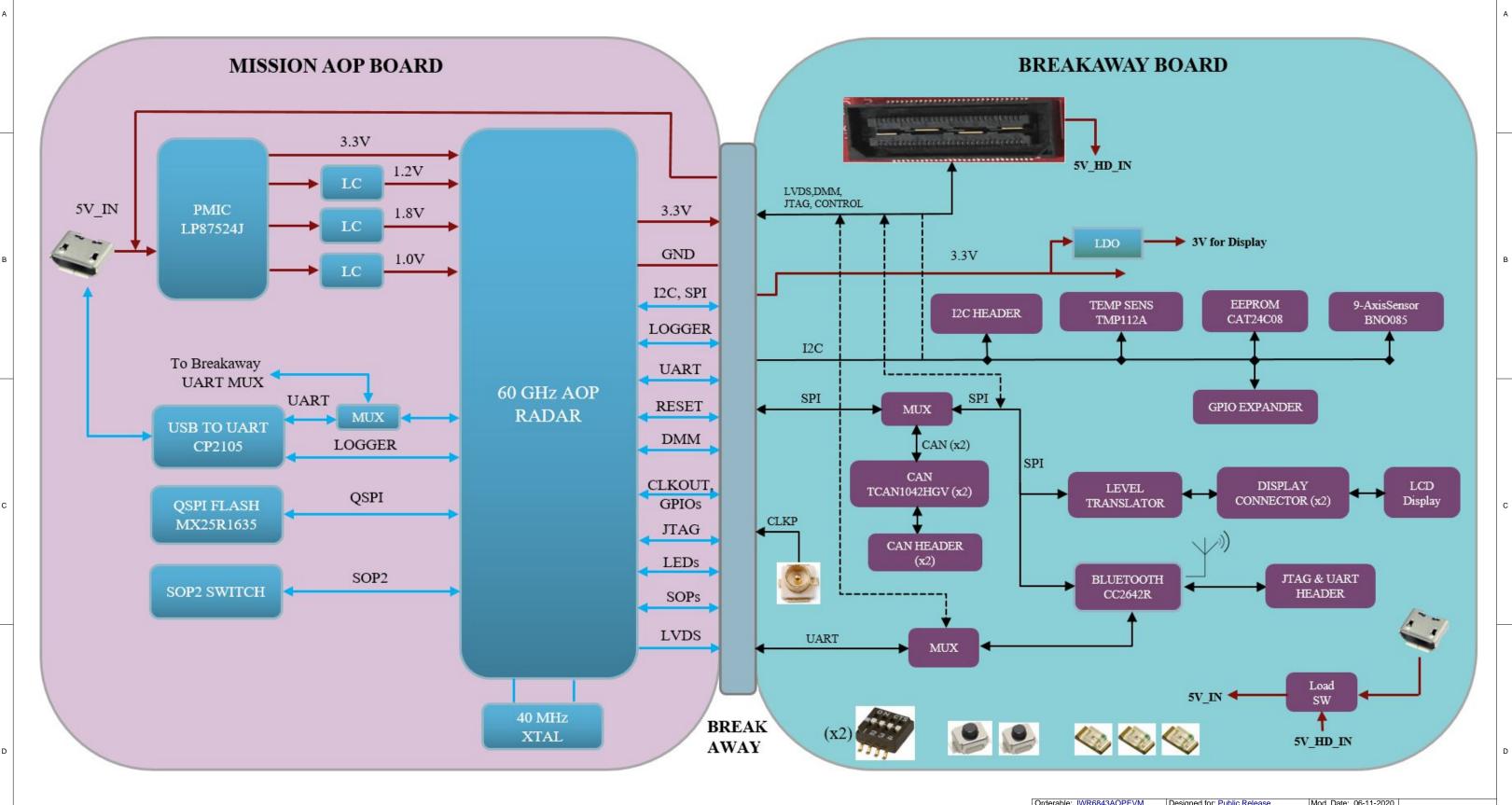
Revision History								
Rev	ECN#	Approved Date	Approved by	Notes				
N/A	N/A	N/A	N/A	N/A				

TEXAS INSTRUMENTS

BLOCK DIAGRAM

3

2



Orderable: IWR6843AOPEVM Designed for: Public Release Mod. Date: 06-11-2020 TID #: N/A Project Title: xWR6843AOPEVM Number: PROC091 Rev: F Sheet Title: xWR6843AOPEVM Number: PROC091 Rev: F Sheet Title: BLOCK_DIAGRAM

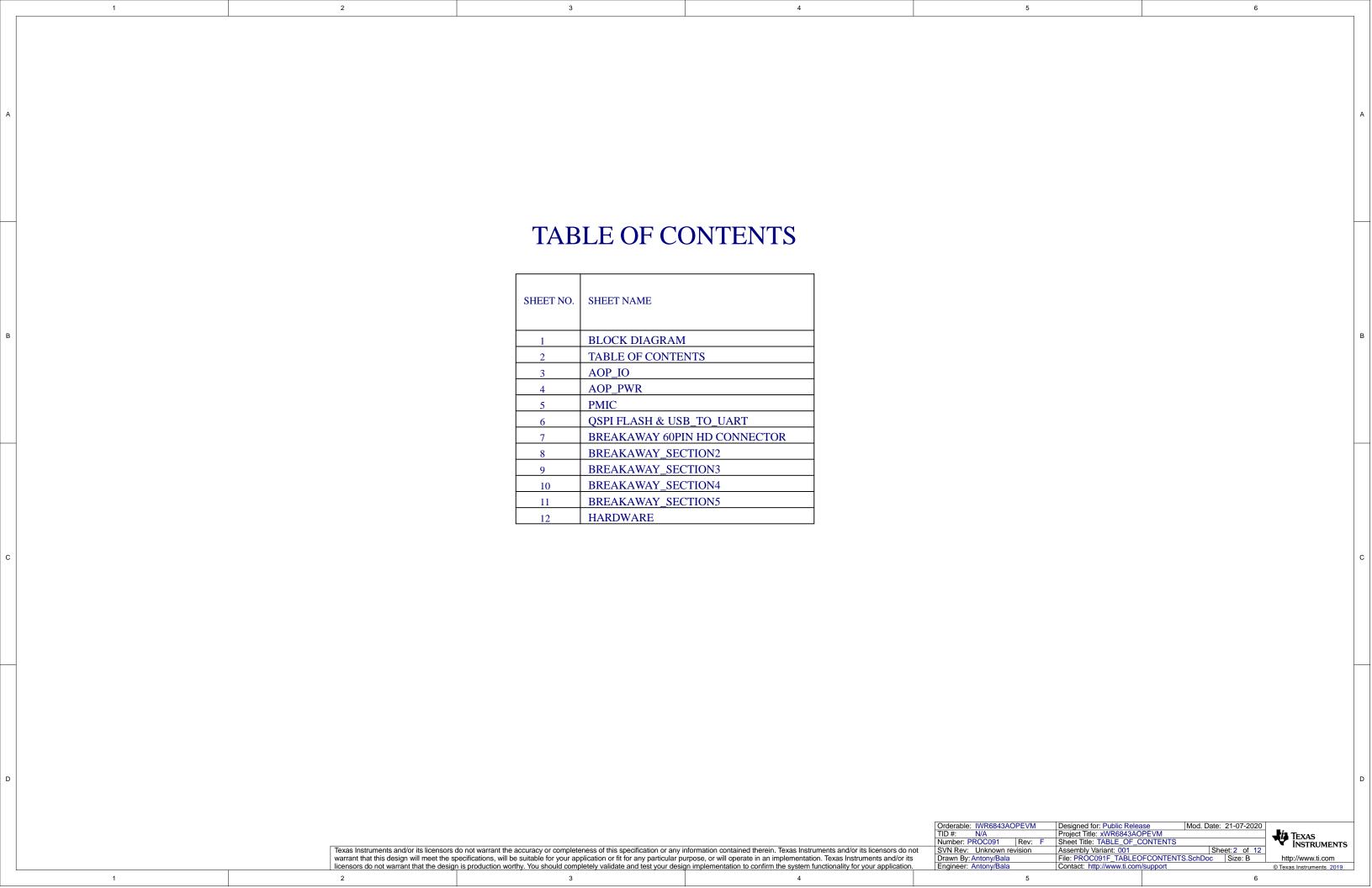
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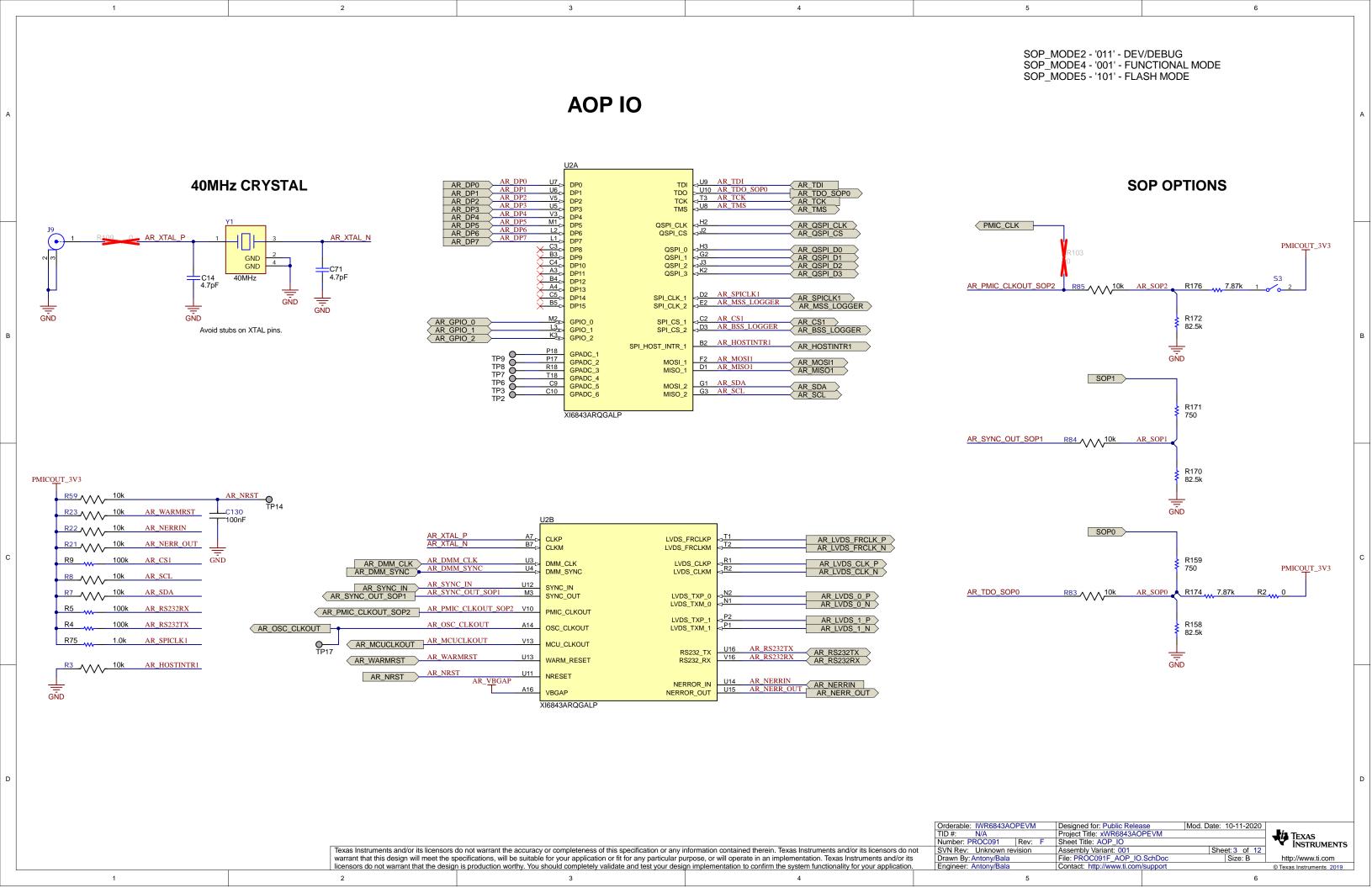
Orderable: IWR6843AOPEVM Project Title: xWR6843AOPEVM Number: Project Ti

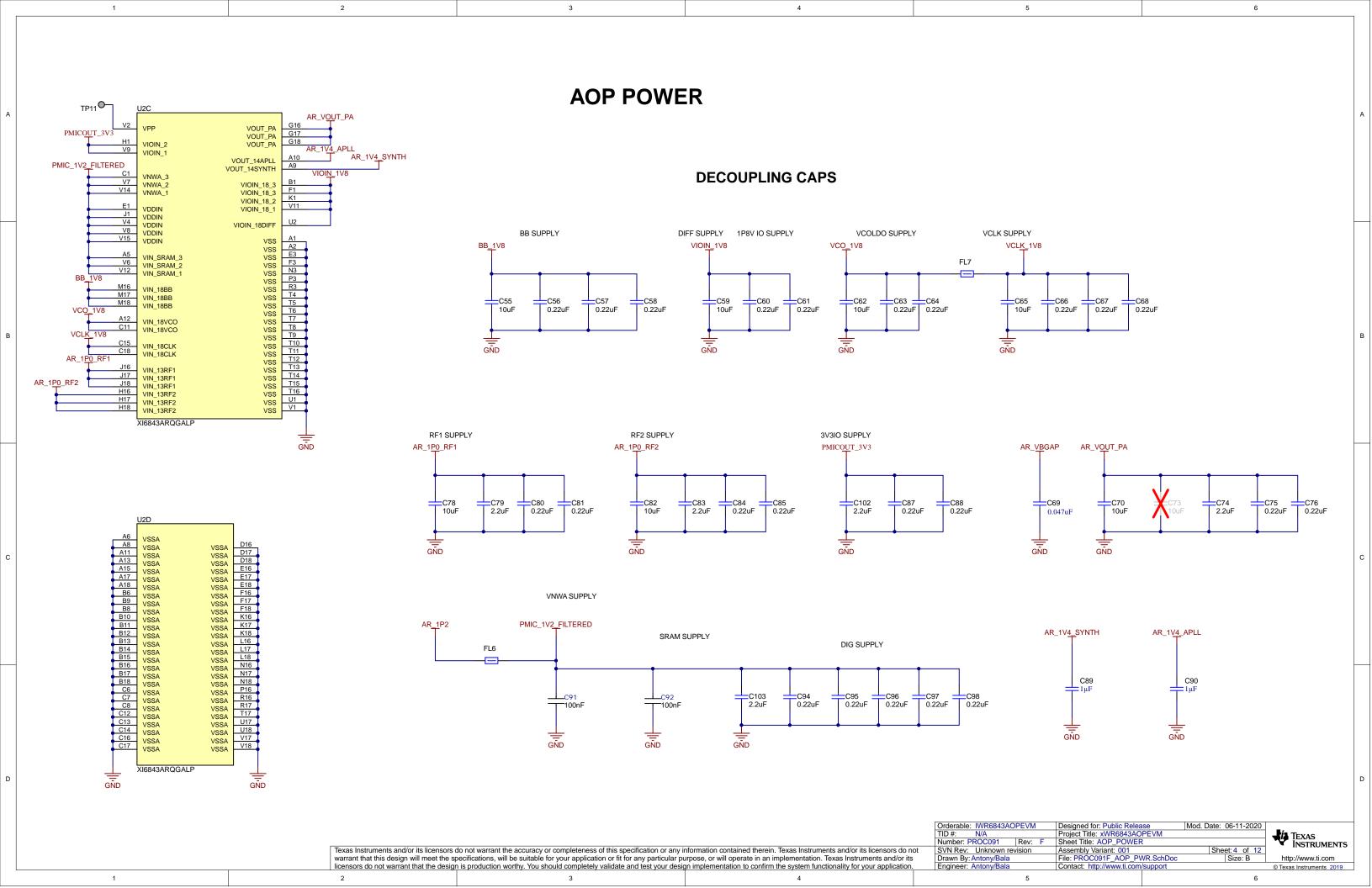
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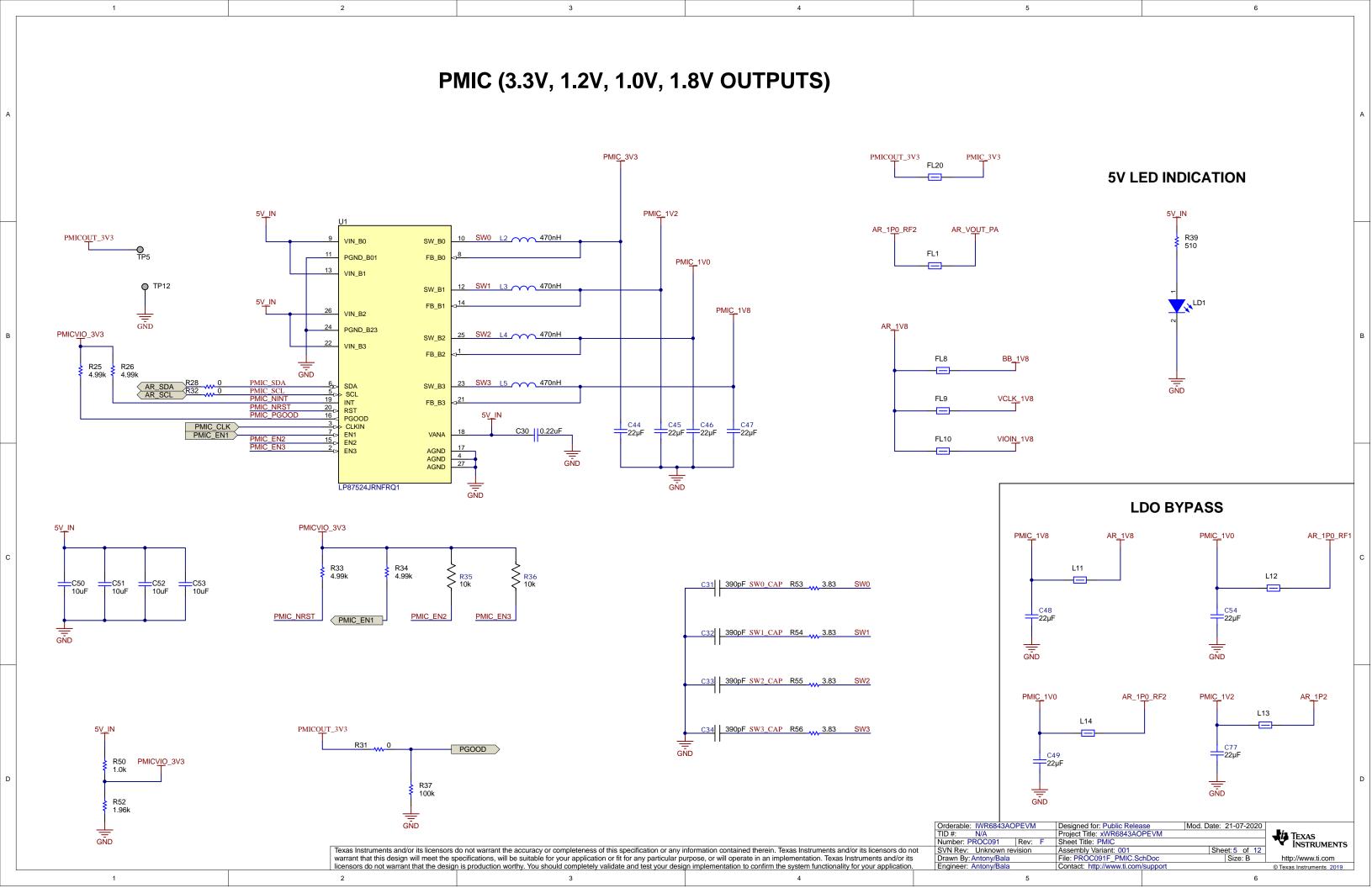
Engineer: Antony/Bala Contact: http://www.ti.com/support

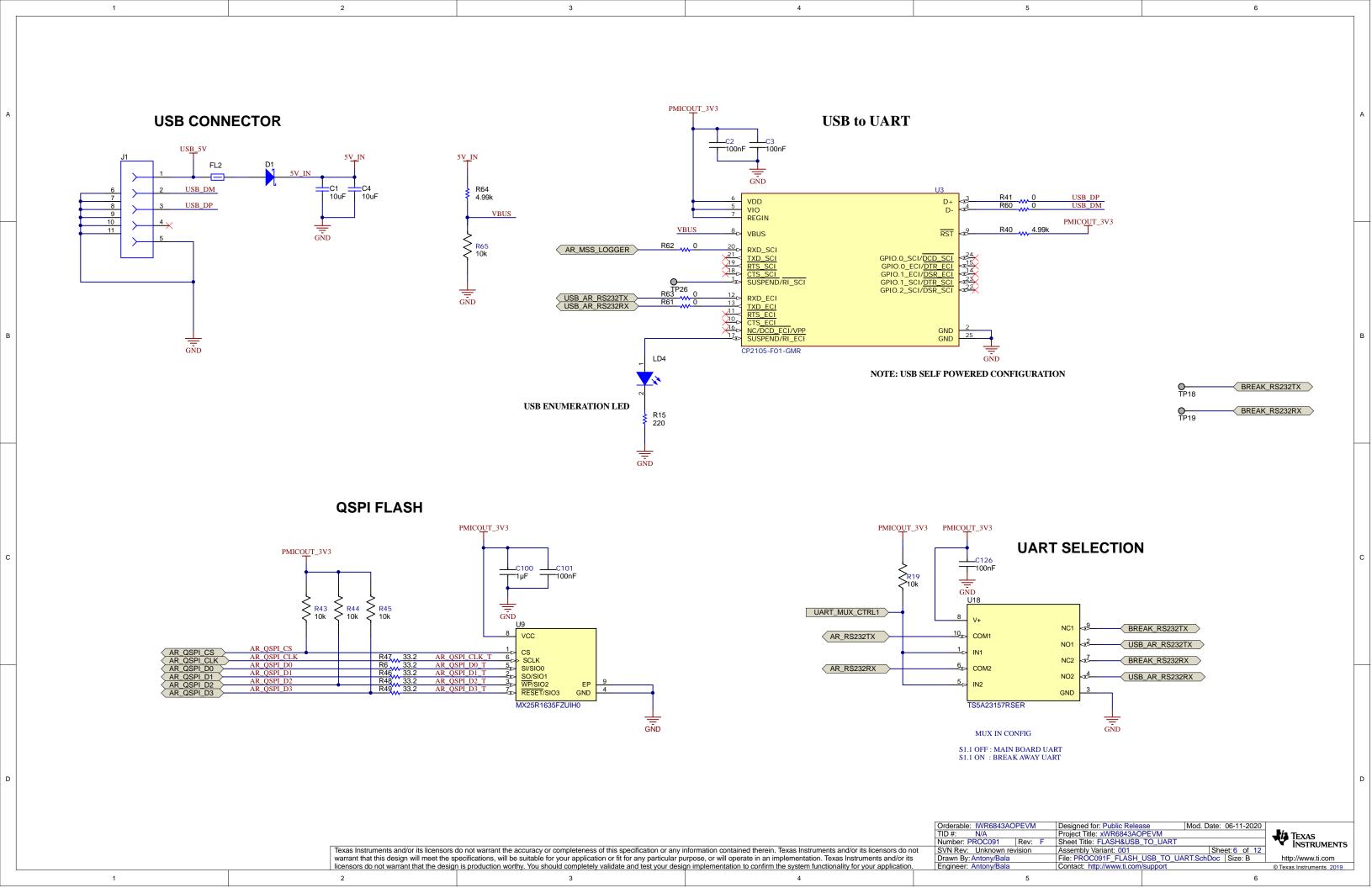
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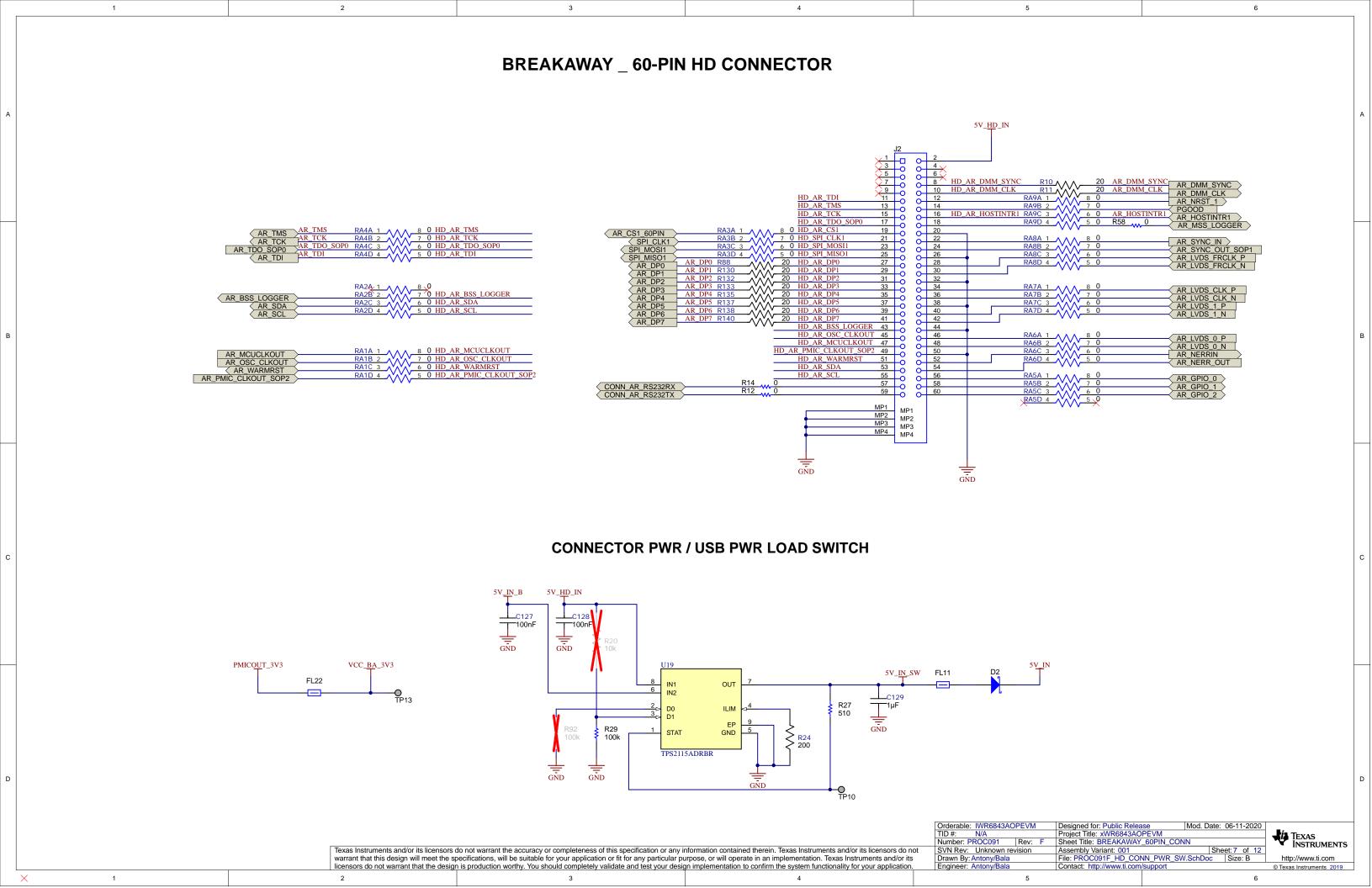


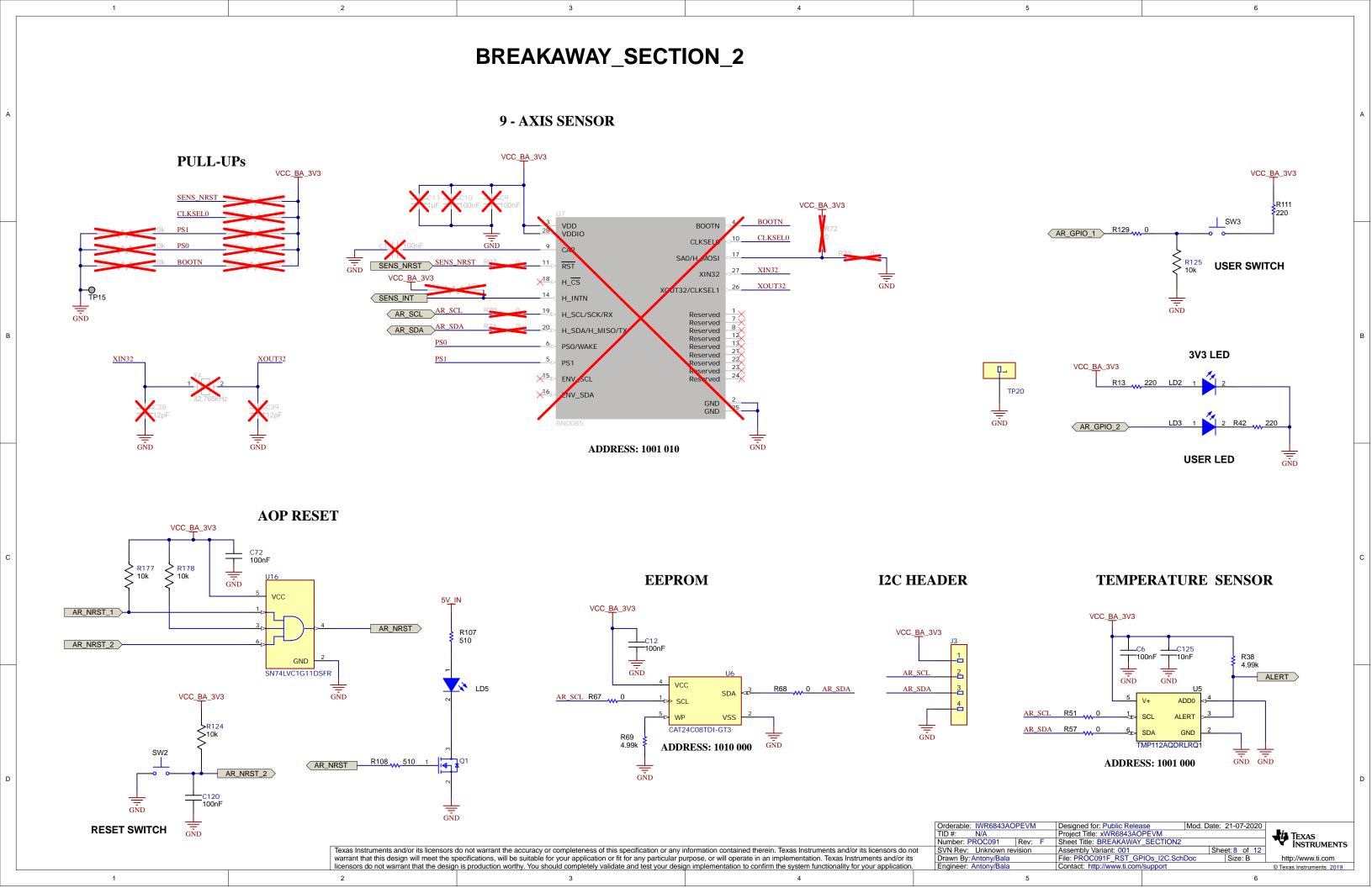


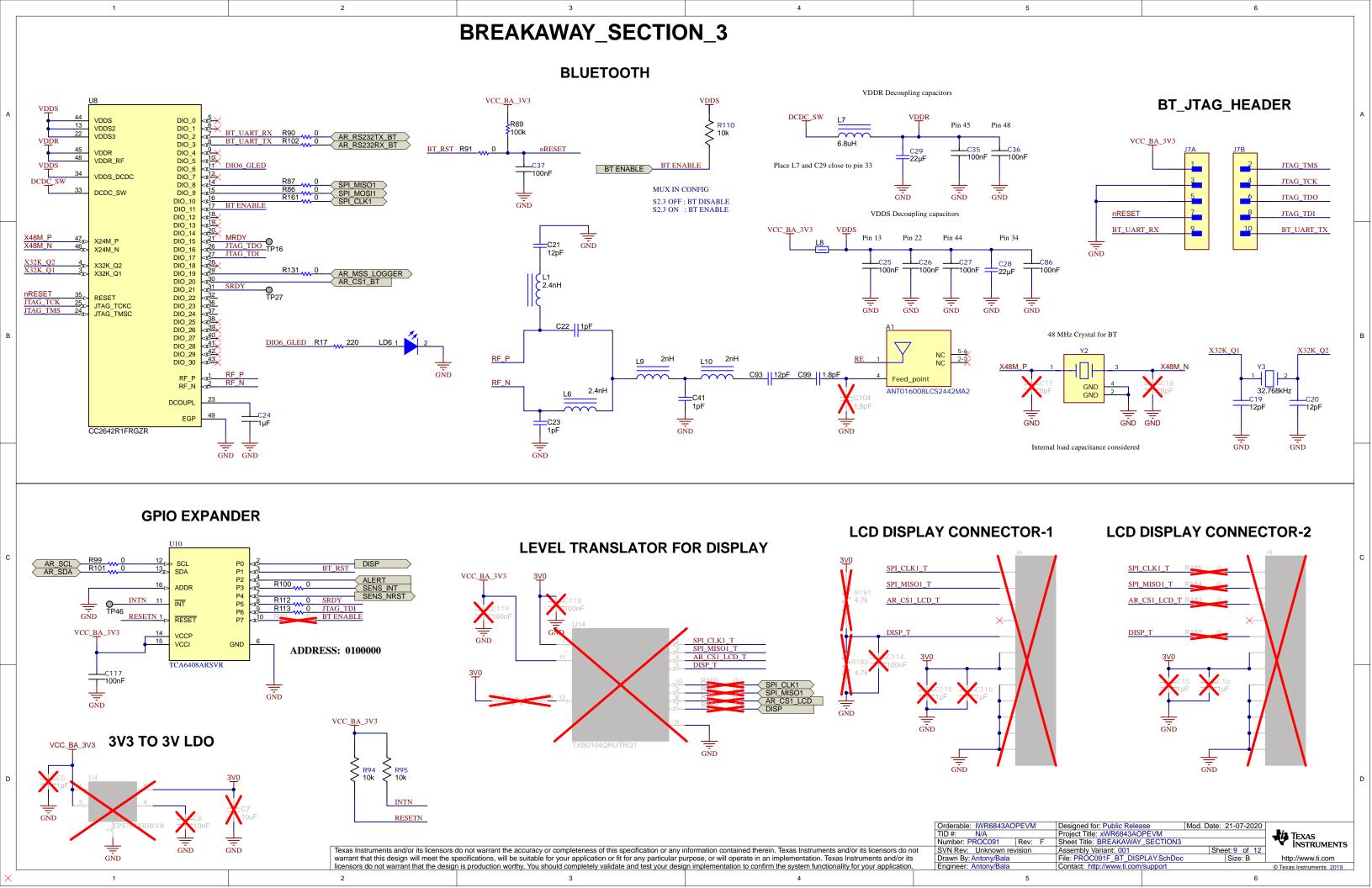






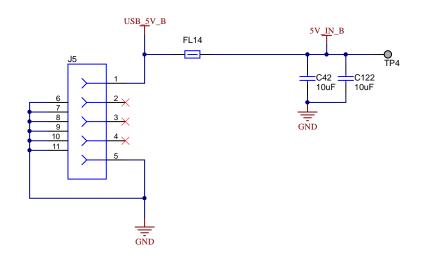




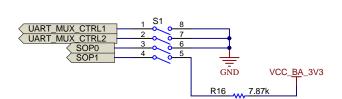


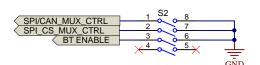
BREAKAWAY_SECTION_4

USB CONNECTOR

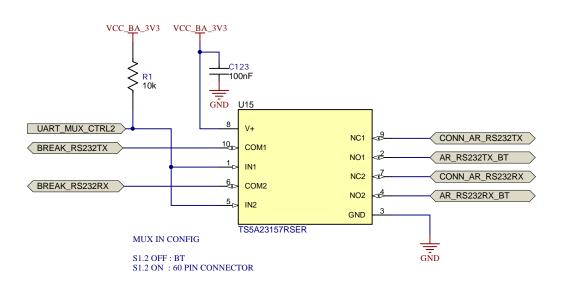


SWITCH CONTROL MUX SELECTION, SOPs, BT CONTROL





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	Designed for: Public Release	Mod. Date: 21-07-2020
TID #: N/A	Project Title: xWR6843AOPEVM	
Number: PROC091	Rev: F	Sheet Title: BREAKAWAY_SECTION4
SVN Rev: Unknown revision	Assembly Variant: 001	Sheet: 10 of 12
Drawn By: Antony/Bala	File: PROC091F_ANALOG_MUX.SchDoc	Size: B
Engineer: Antony/Bala	Contact: http://www.ti.com/support	

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| 2 | 3 | 4 | 5 |

