
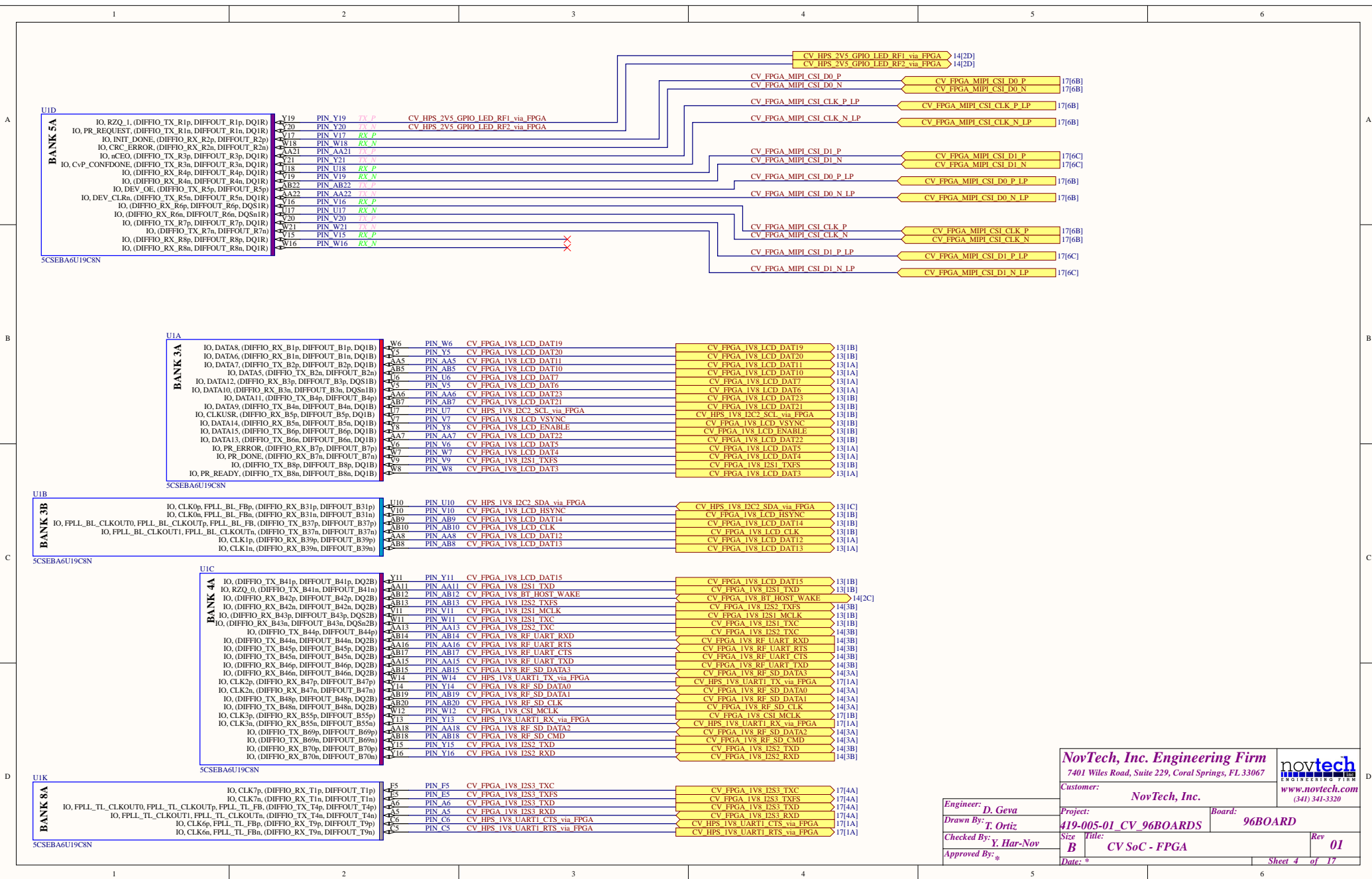


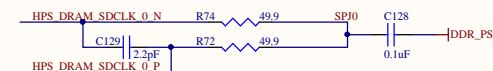
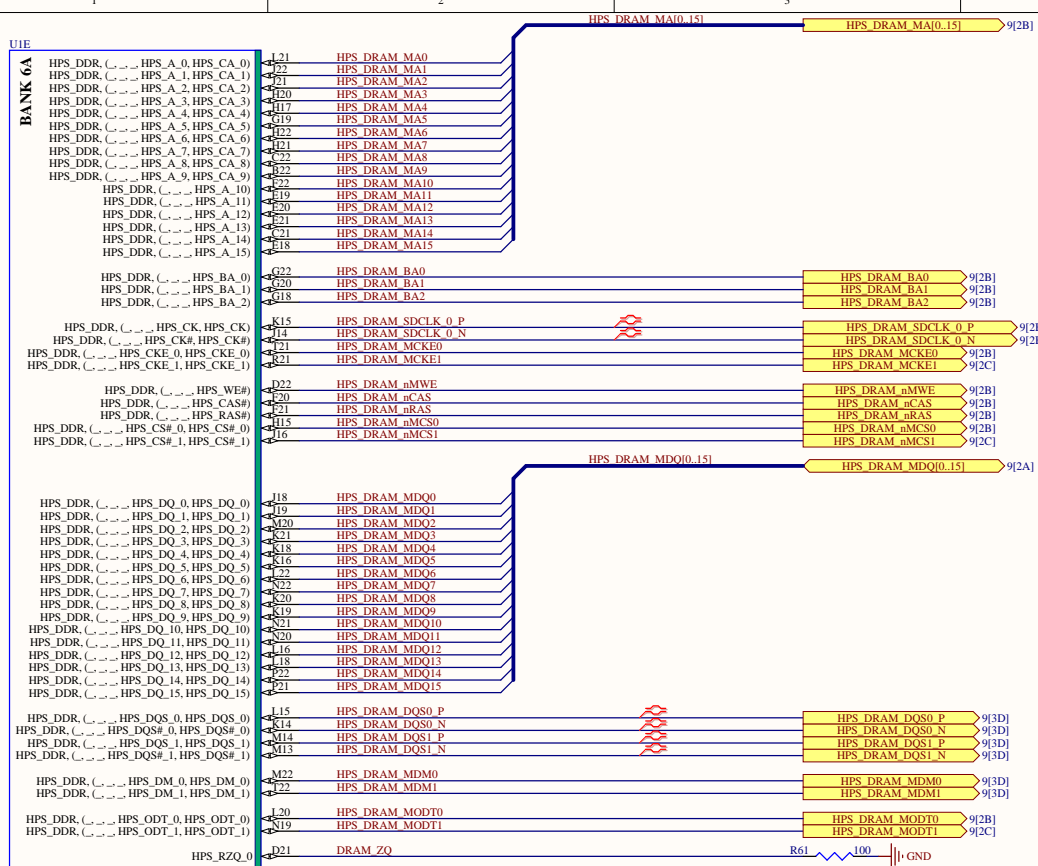
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B						B
C						C
D						D
1	2	3	4	5	6	

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Customer: NovTech, Inc.				
Engineer: D. Geva	Project: 419-005-01_CV_96BOARDS		Board: 96BOARD	
Drawn By: T. Ortiz	Size B		Title: Opening Page	Rev 01
Checked By: Y. Har-Nov	Date: *		Sheet 1 of 17	
Approved By: *				

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Engineer:	D. Geva		Project:		NovTech, Inc. Engineering Firm 7401 Wiles Road, Suite 229, Coral Springs, FL 33067																																											
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Engineer:	D. Geva		Project:		NovTech, Inc. Engineering Firm 7401 Wiles Road, Suite 229, Coral Springs, FL 33067																																											
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			B		Block Diagram	01																																										
			Date: *		Sheet 3 of 17																																											





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Drawn By: T. Ortiz

Project:

Board: 96BOARD

Checked By: V. Har. Noun

Size	Title:	Rev
D	CHS - C - HPS DBB	01

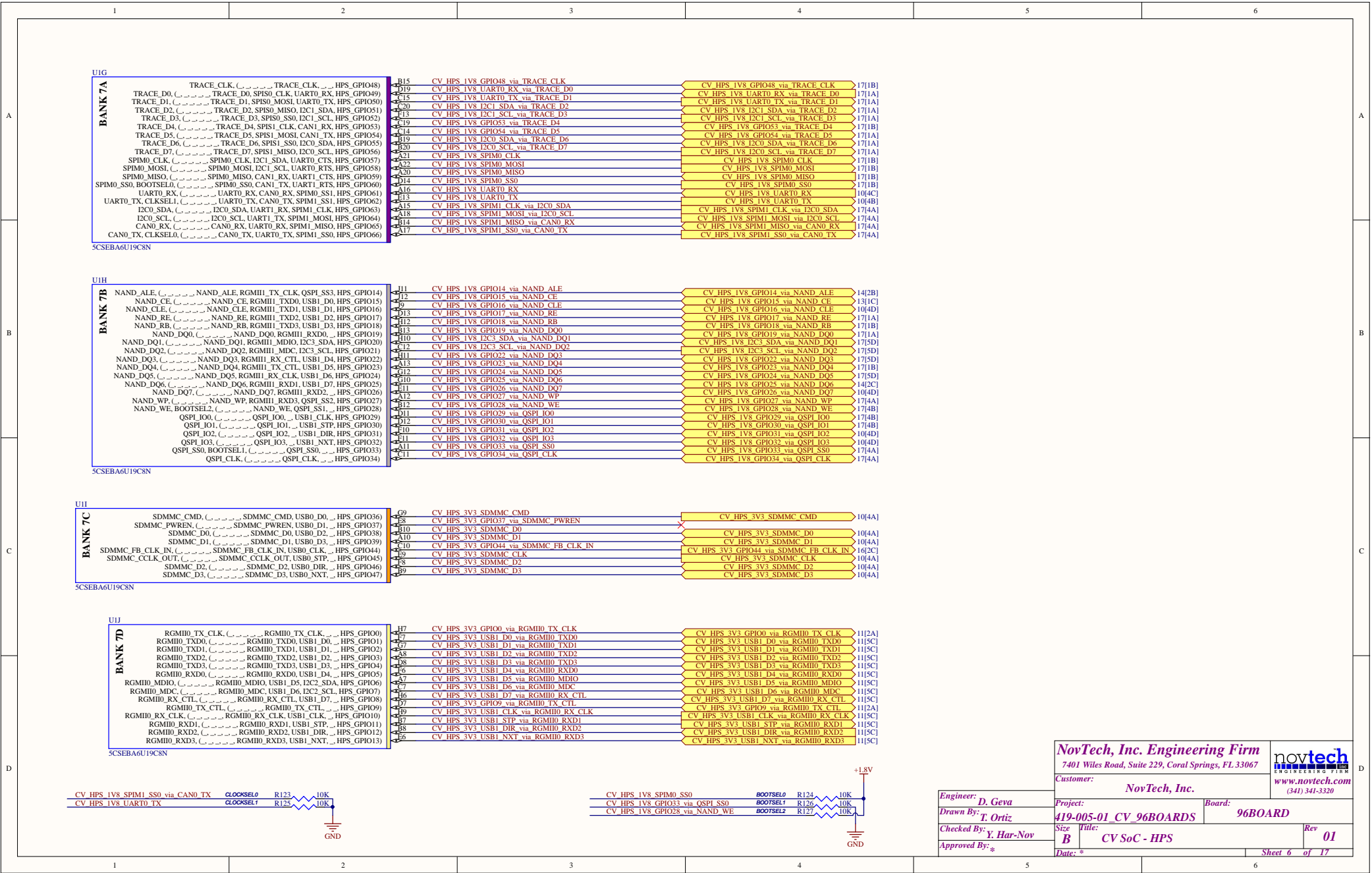
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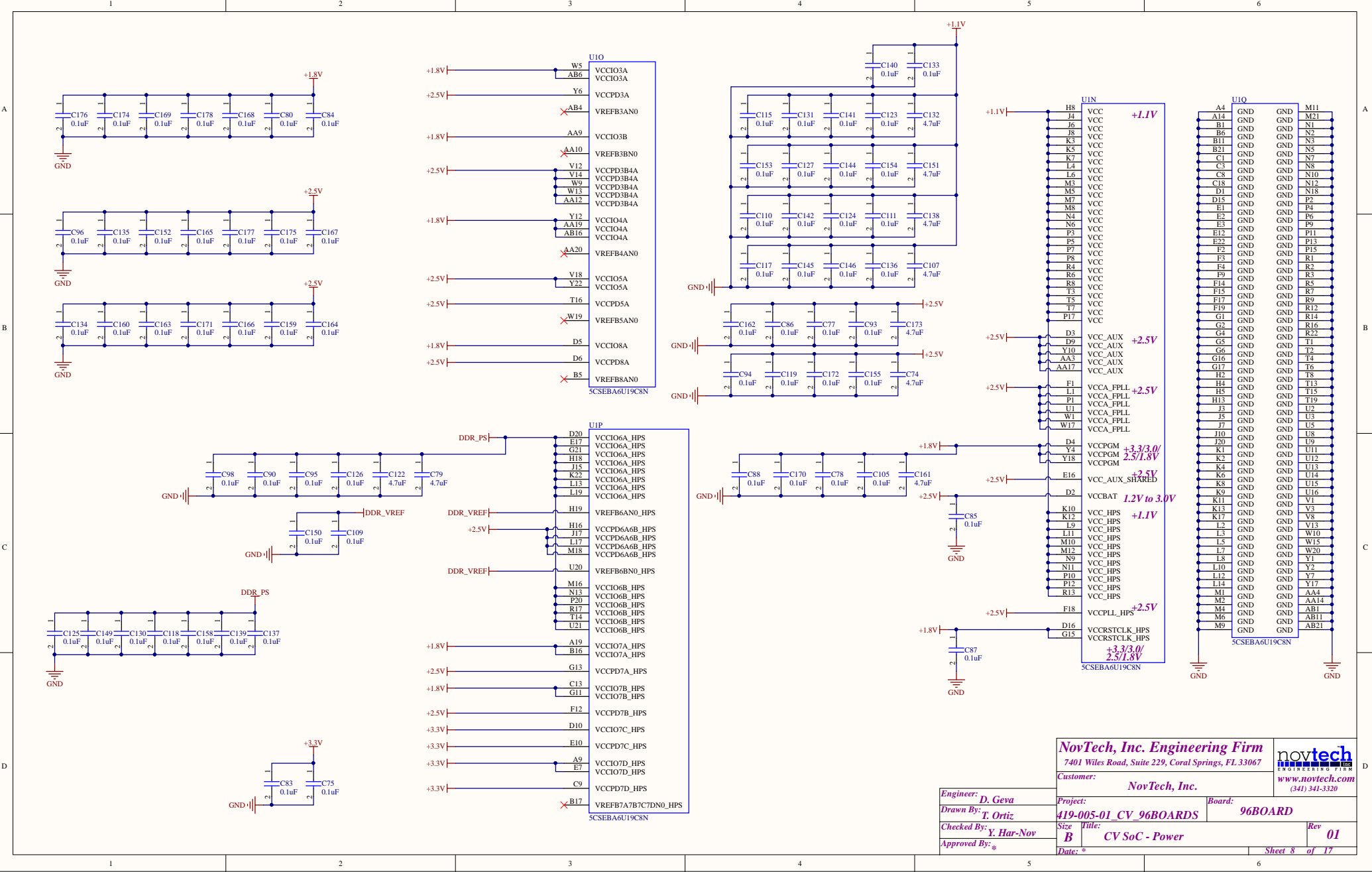
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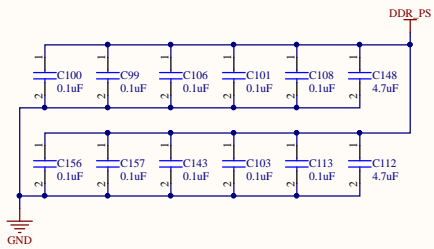




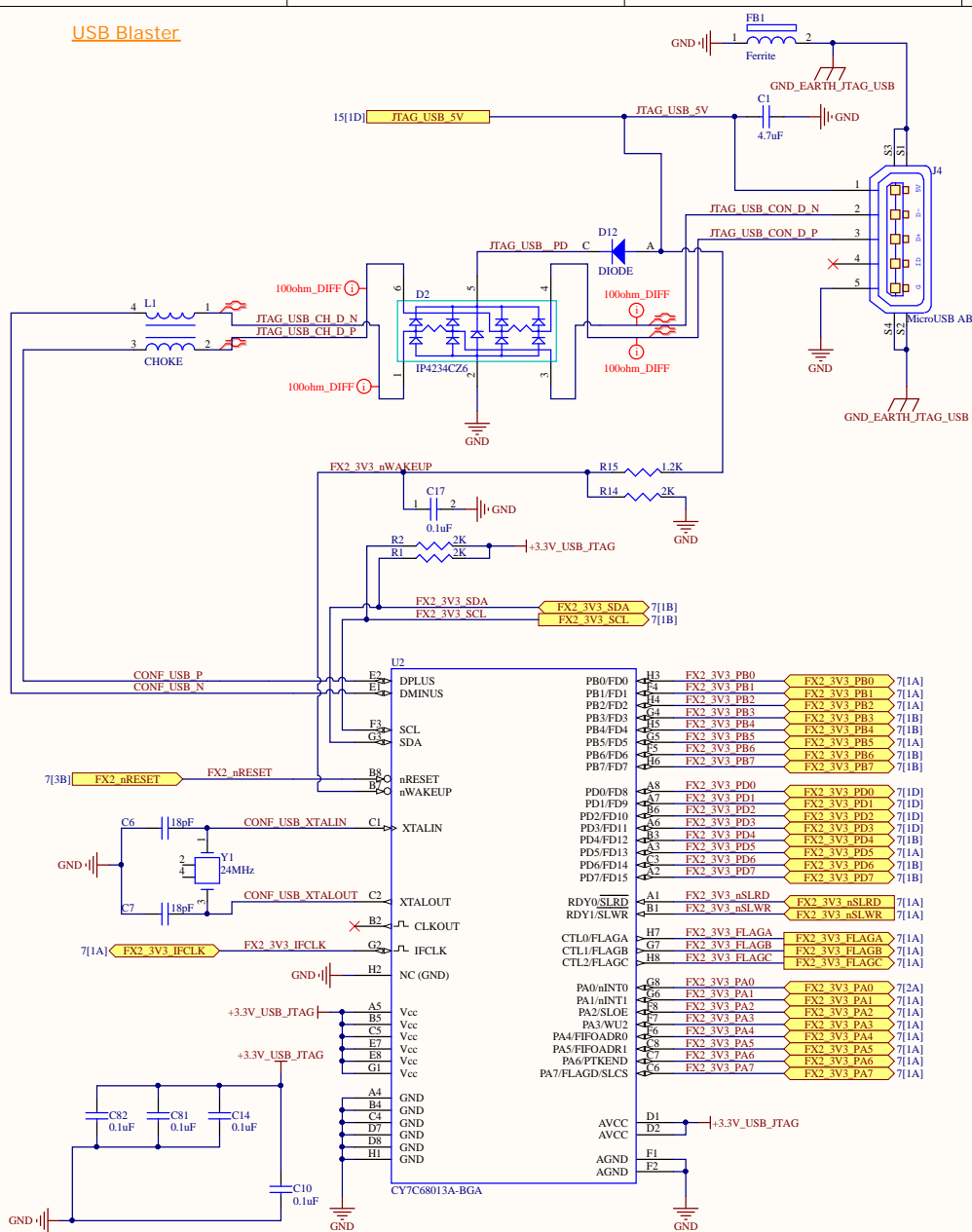
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Customer: **NovTech, Inc.**



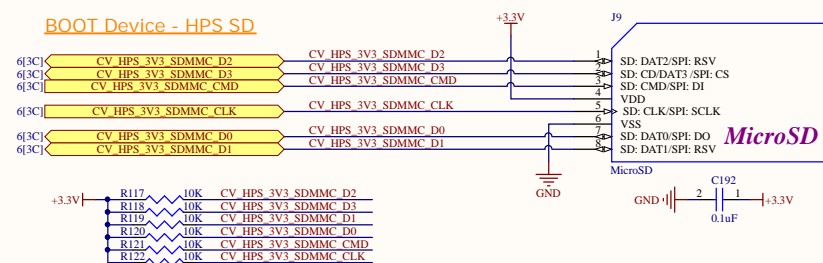
Engineer: D. Geva	Project: 419-005-01 CV 96BOARDS	Board: 96BOARD
Drawn By: T. Ortiz	Size: B	File: CV SoC - Power
Checked By: Y. Har-Nov	Date: *	Rev: 01
Approved By: *		Sheet 8 of 17



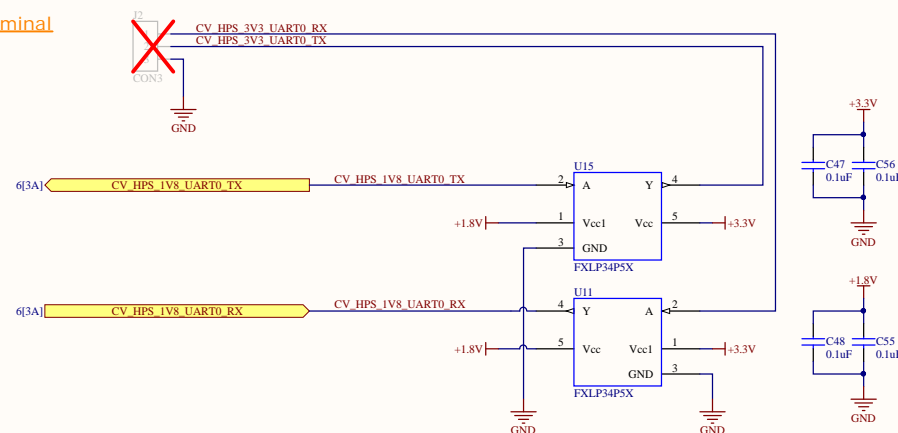
USB Blaster



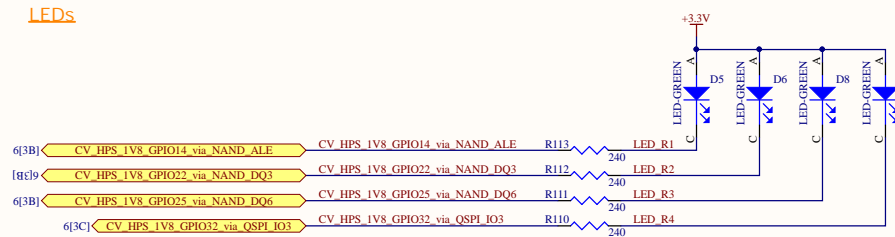
BOOT Device - HPS SD



Terminal



LEDs



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Approved By:	*

Project:

419-005-01 CV 96BOARDS

Board:	96BOARD
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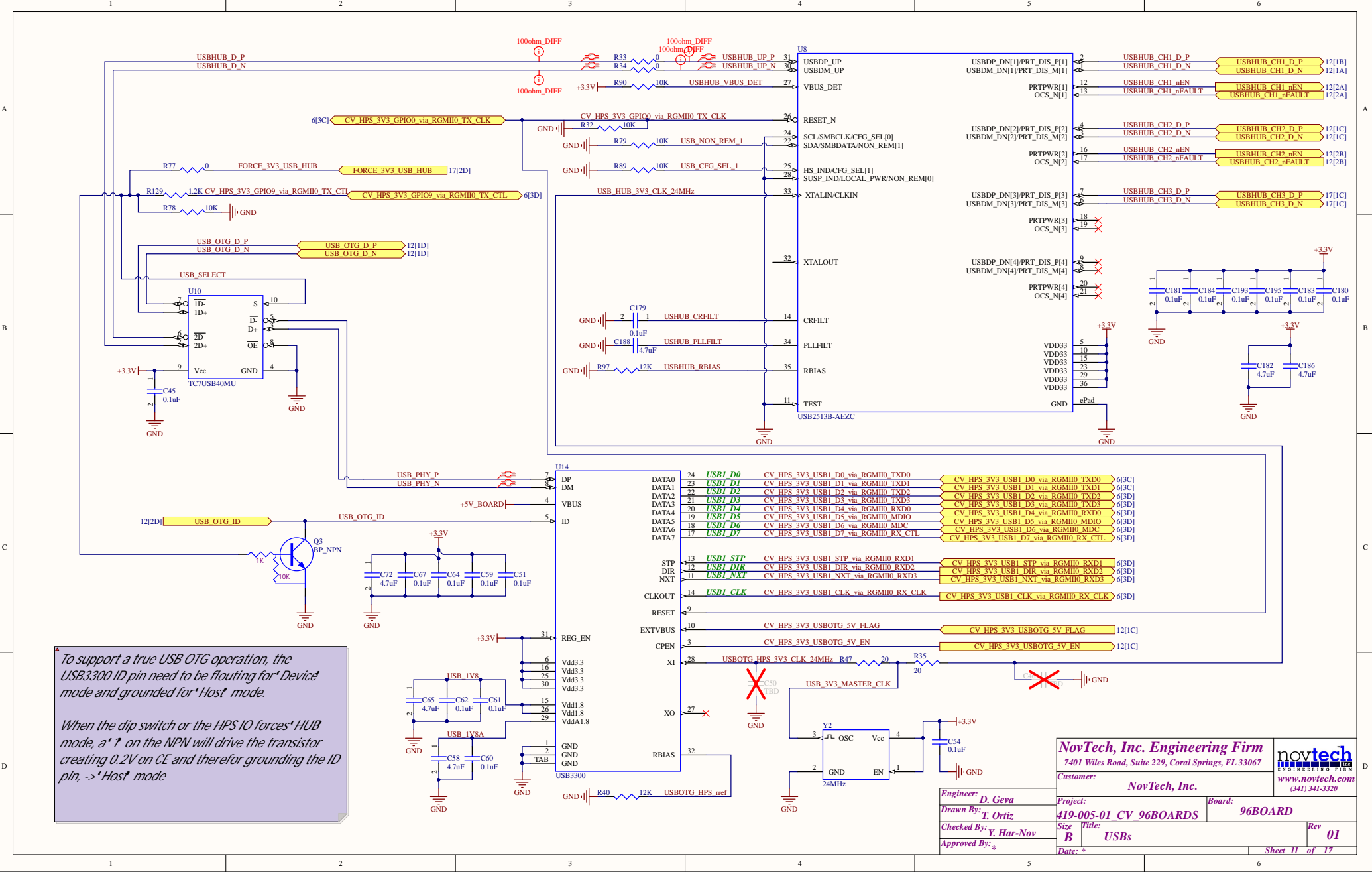
419-005-01_CV_9%BOARDS	7-8-8
Size	Title:

B	STRAPPING_JTAG_SD & Term
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Date: *	
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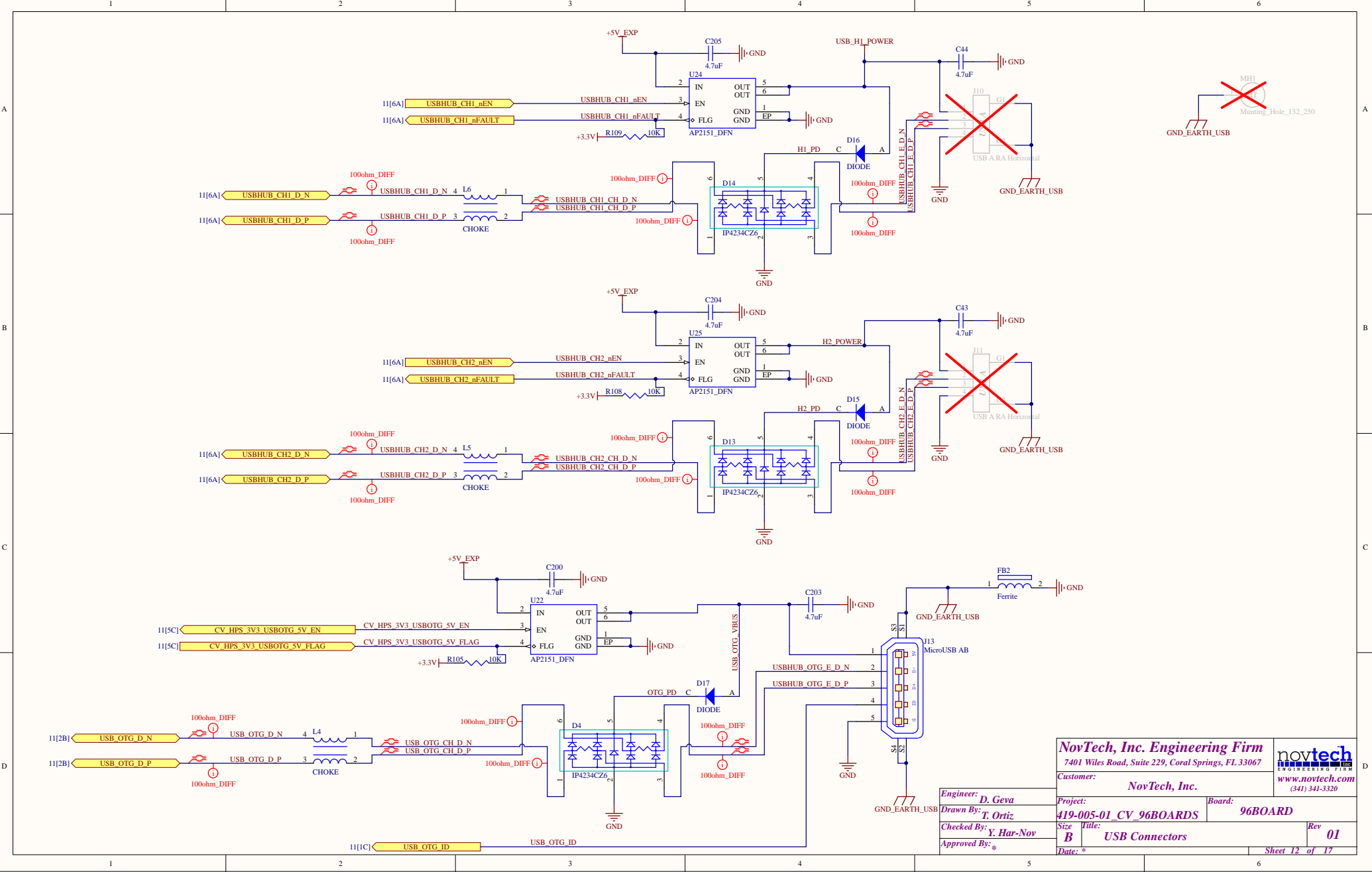
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1 of 17



To support a true USB OTG operation, the USB3300 ID pin need to be floating for 'Device' mode and grounded for 'Host' mode.

When the dip switch or the HPS IO forces 'HUB' mode, a '1' on the NPN will drive the transistor creating 0.2V on CE and therefor grounding the ID pin, -> 'Host' mode

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Drawn By: T. Ortiz	Size B	File: USBs
Checked By: Y. Har-Nov	Date: *	Rev 01
Approved By: *	Sheet 11 of 17	

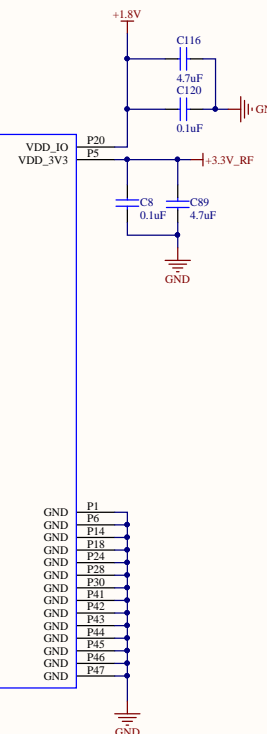
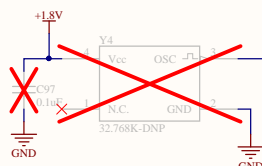
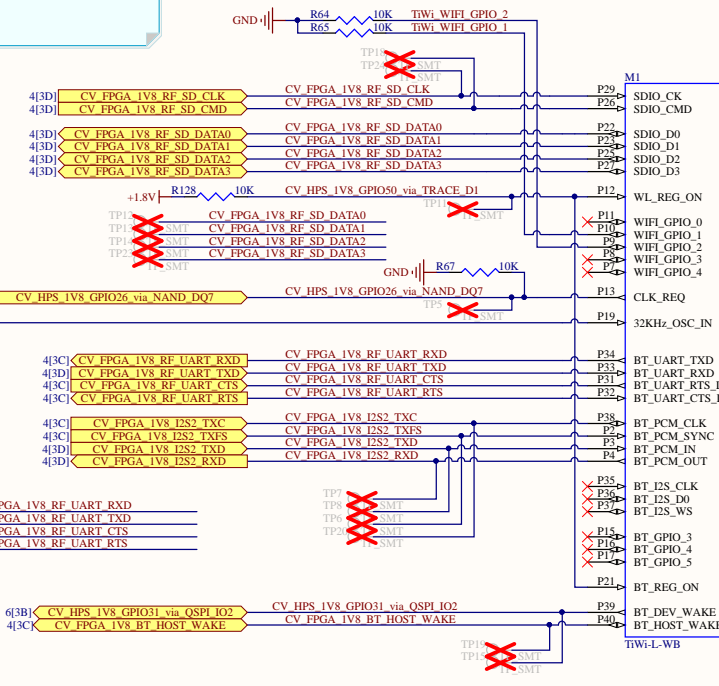


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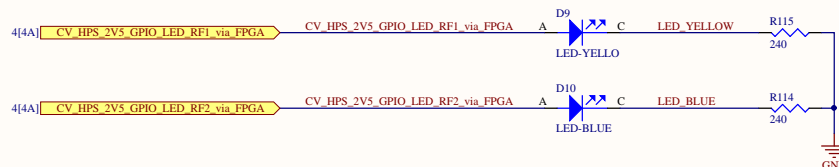


Engineer: D. Geva	Project: 419-005-01_CV_96BOARDS	Board: 96BOARD
Drawn By: T. Ortiz	Size: B	File: USB Connectors
Checked By: Y. Har-Nov	Rev: 01	
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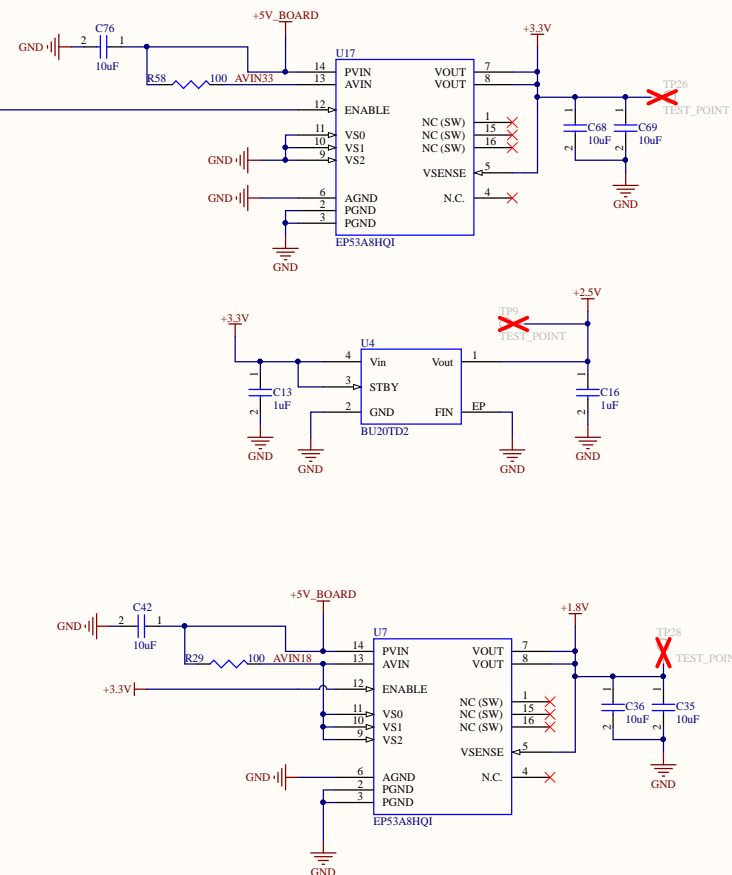
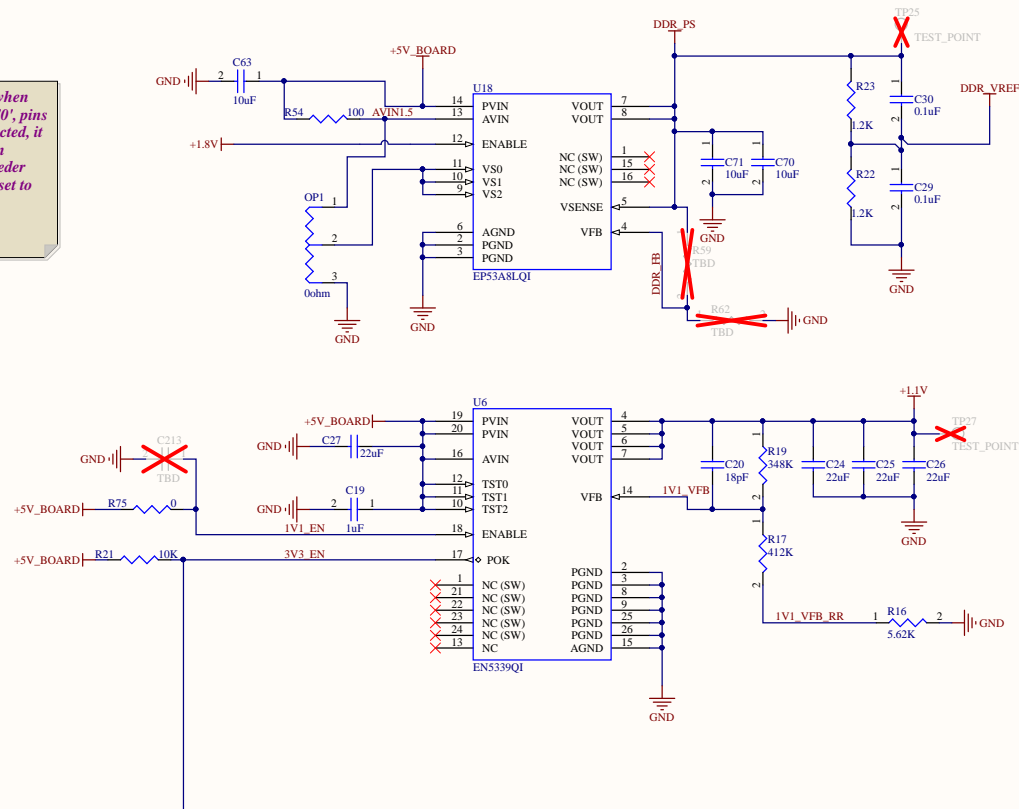




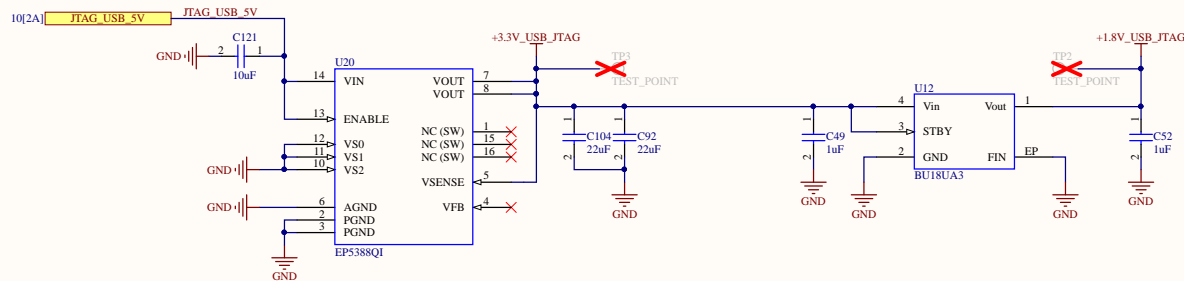
I2S interface is for RF receiver, not use in this design



Vout is 1.5V when OPI is set to '0', pins 2-3 are connected, it is set based on R10/R11 divider when OPI is set to '1', pins 1-2 connected



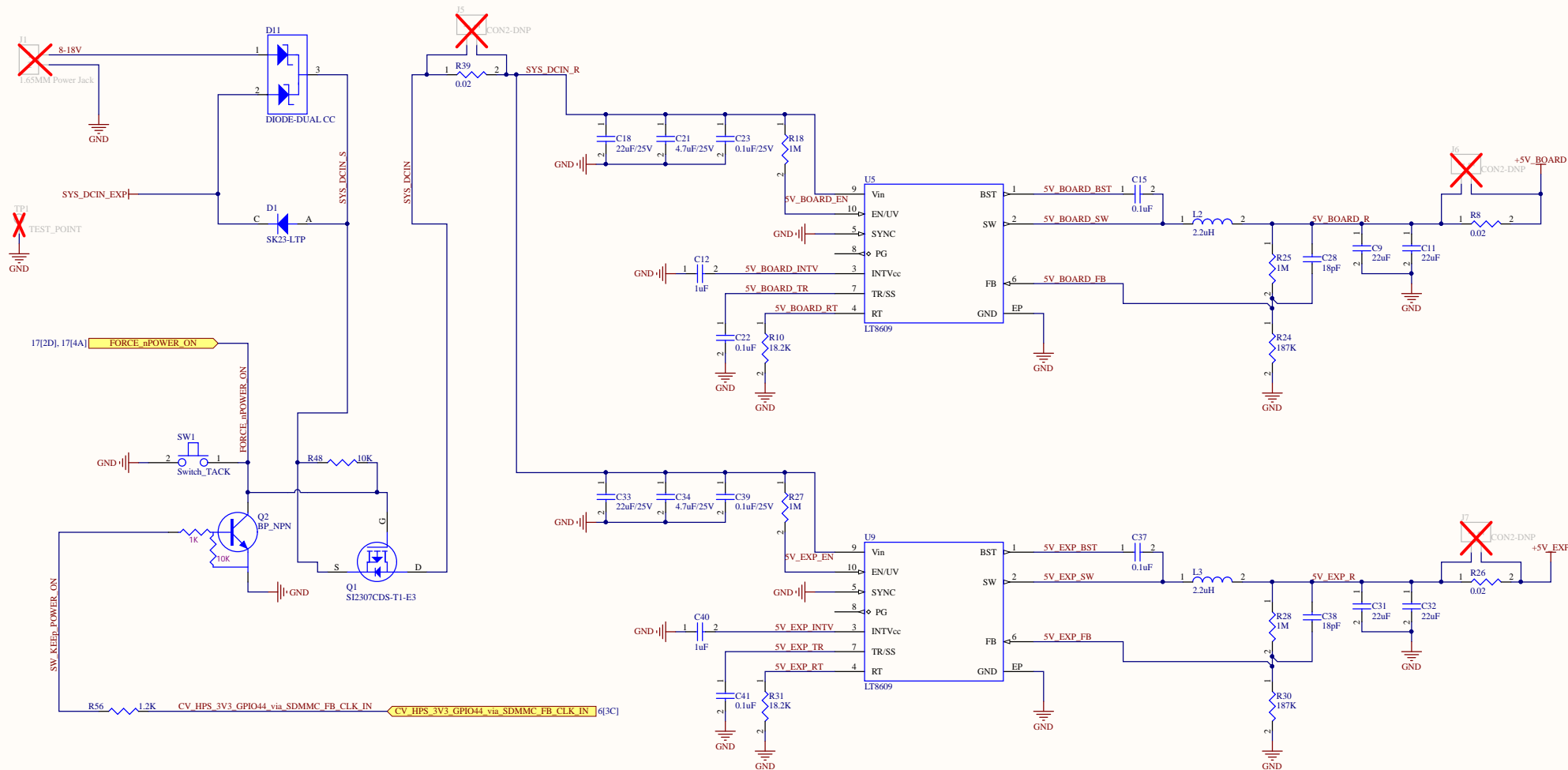
USB Blaster Power



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Drawn By: T. Ortiz	Size: B	File: Board Power PMIC
Checked By: Y. Har-Nov	Date: *	Rev: 01
Approved By: *	Sheet 15 of 17	



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Engineer: D. Geva	Project: 419-005-01_CV_96BOARDS	Board: 96BOARD
Drawn By: T. Ortiz	Size: B	File: Board Power 5V
Checked By: Y. Har-Nov	Approved By: *	Rev: 01
Date: *	Sheet 16 of 17	

