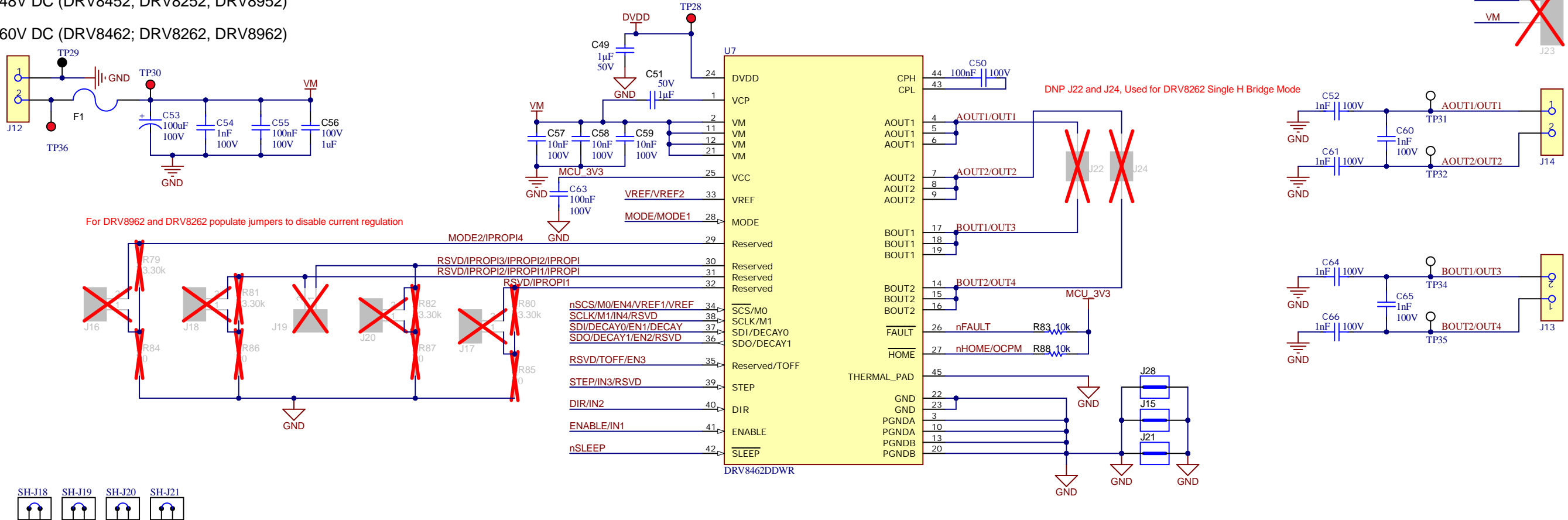


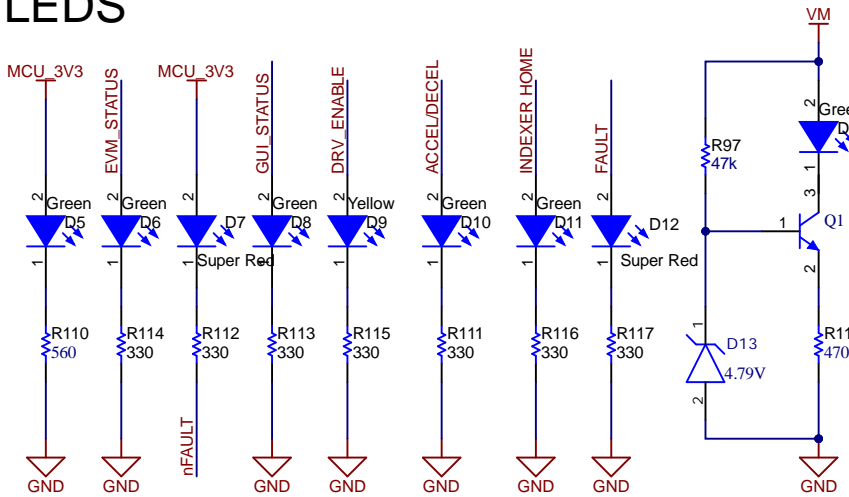
Motor Driver

4.5 - 48V DC (DRV8452; DRV8252, DRV8952)

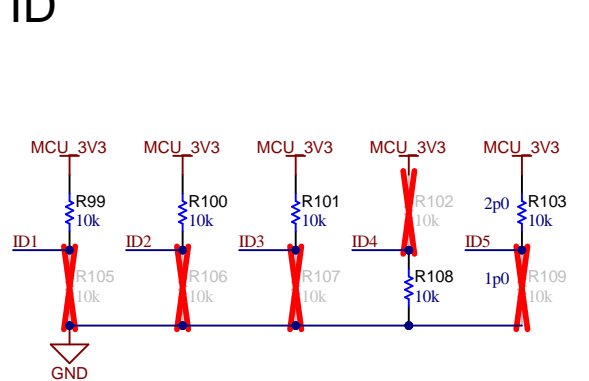
4.5 - 60V DC (DRV8462; DRV8262, DRV8962)



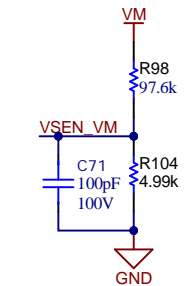
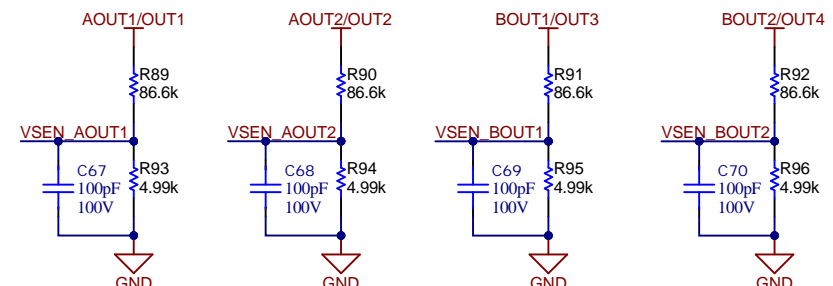
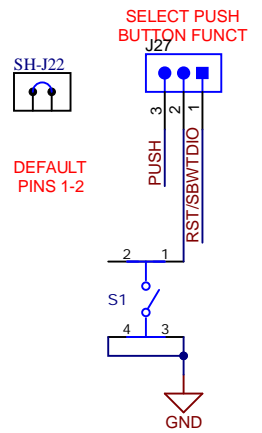
LEDS



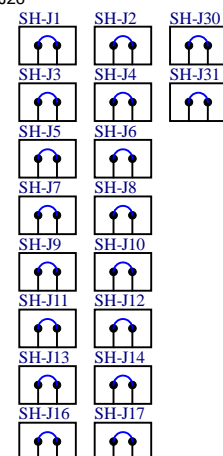
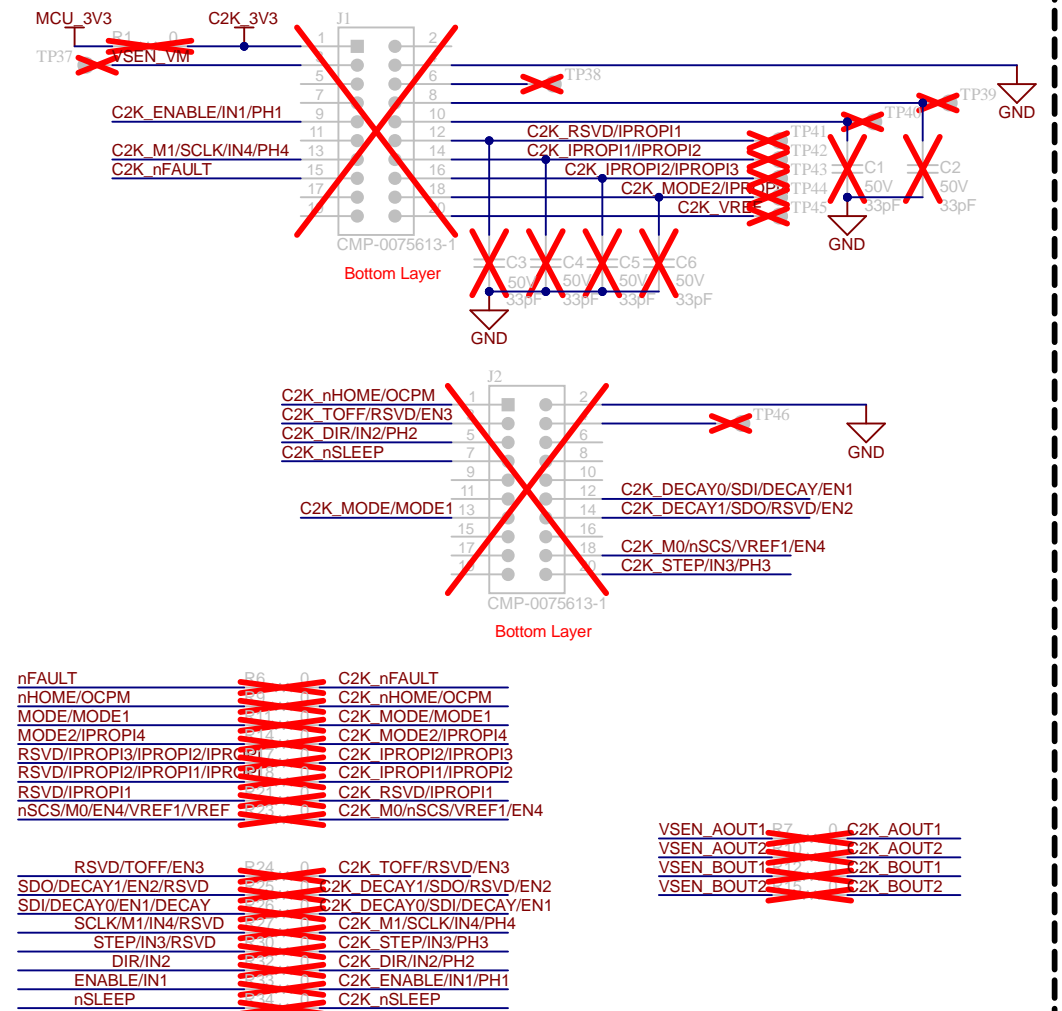
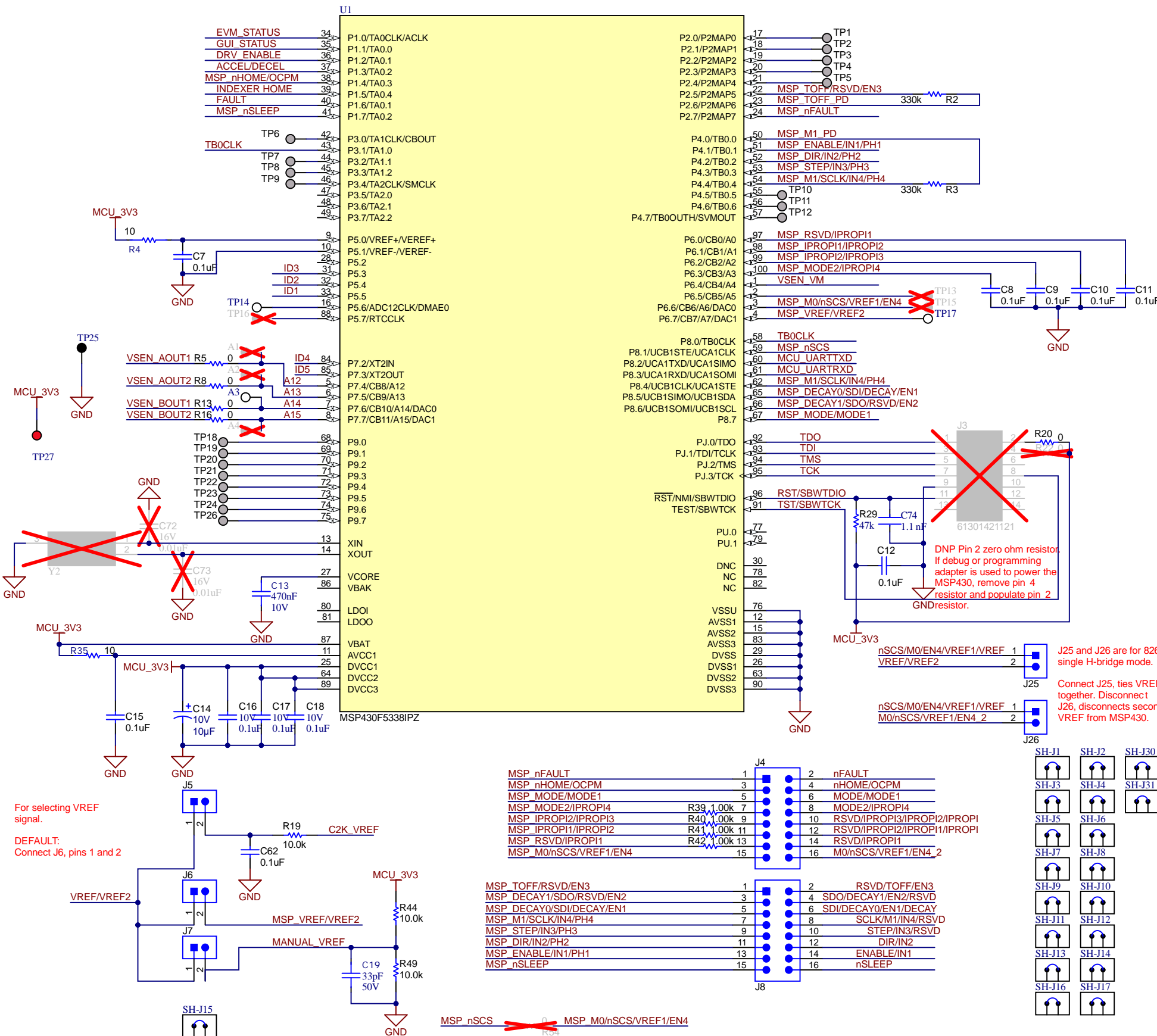
ID



BUTTON



## MSP430F5338



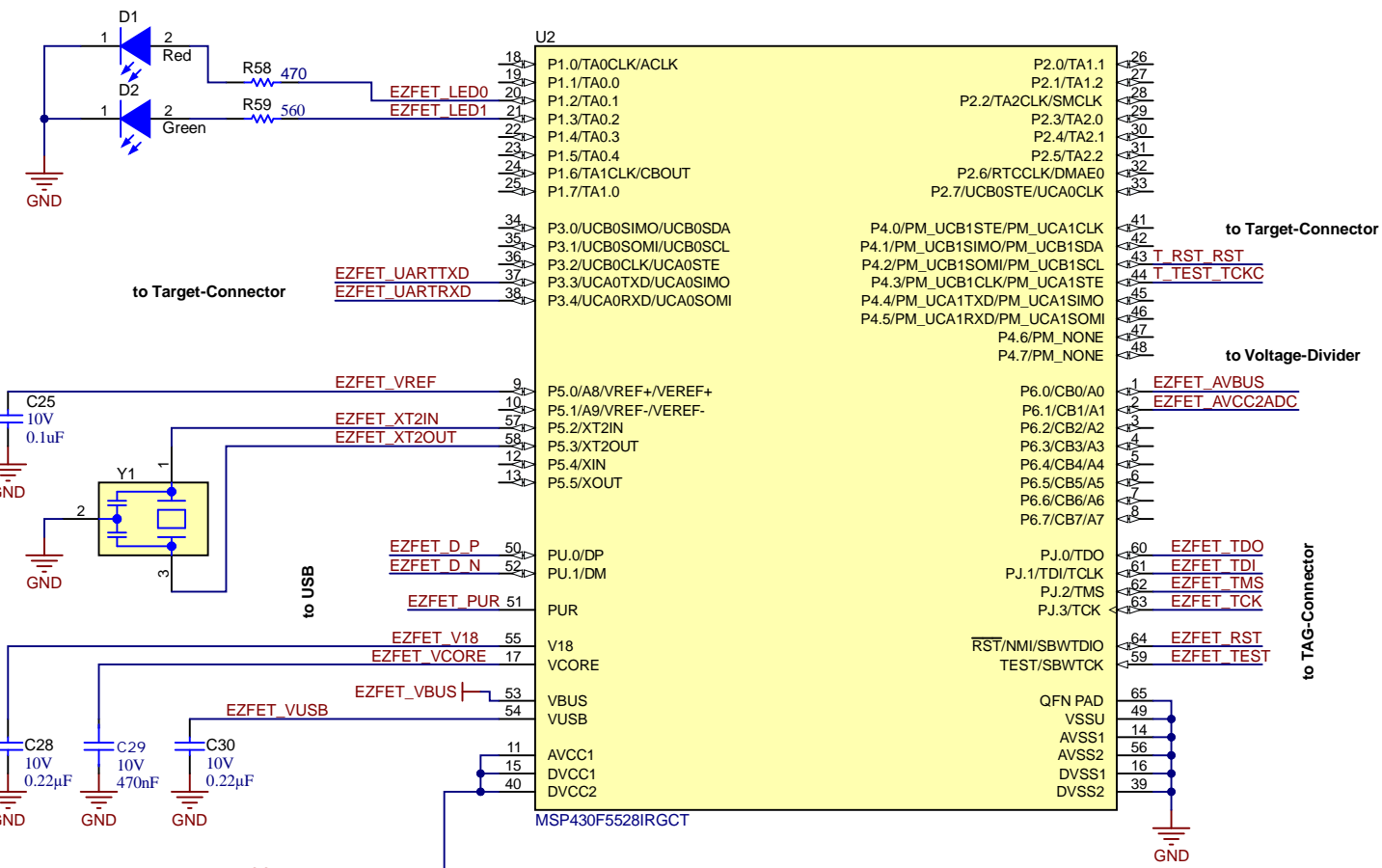
Left Side	Right Side
MSP nFAULT	2 nFAULT
MSP nHOME/OCPM	4 nHOME/OCPM
MSP MODE/MODE1	6 MODE/MODE1
MSP MODE2/PROPI4	8 MODE2/PROPI4
MSP IPROP12/PROPI3	10 RSVD/IPROP13/PROPI2/1/PROPI
MSP IPROP11/PROPI2	12 RSVD/IPROP12/PROPI1/1/PROPI
MSP RSVD/PROPI1	14 RSVD/PROPI1
MSP M0nSCS/REF1/EN4	16 M0nSCS/REF1/EN4_2

MSP_TOFF/RSVD/EN3	1	2	RSVD/TOFF/EN3
MSP_DECAY1/SDO/RSVD/EN2	3	4	SDO/DECAY1/EN2/RSVD
MSP_DECAY0/SDI/DECAY/EN1	5	6	SDI/DECAY0/EN1/DECAY
MSP_M1/SCLK/IN4/PH4	7	8	SCLK/M1/IN4/RSVD
MSP_STEP/IN3/PH3	9	10	STEP/IN3/RSVD
MSP_DIR/IN2/PH2	11	12	DIR/IN2
MSP_ENABLE/IN1/PH1	13	14	ENABLE/IN1
MSP_nSLEEP	15	16	nSLEEP

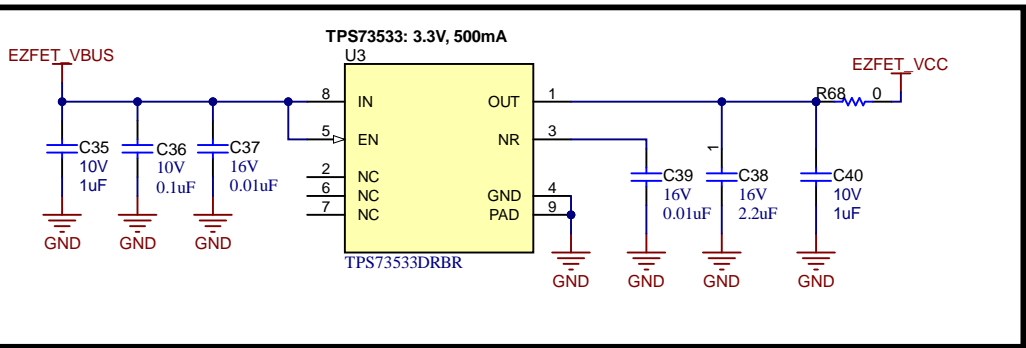
MSP\_nSCS ~~XXXXXXXXXX~~ MSP\_M0/nSCS/VREF1/EN4

Orderable: <b>DRV8462EVM</b>	Designed for: <b>Public Release</b>	Mod. Date: 6/8/2023	 <b>TEXAS INSTRUMENTS</b>  <a href="http://www.ti.com">http://www.ti.com</a> © Texas Instruments 2022
TID #: <b>N/A</b>	Project Title: <b>DRV8452EVM</b>		
Number: <b>MD040</b>	Rev: <b>A</b>	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: <b>002</b>	Sheet: <b>2</b> of <b>3</b>	
Drawn By:	File: <b>MD040_Motor_control_RevA_SchDoc</b>	Size: B	
Engineer: <b>Pedro Arango Ramirez</b>	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>		

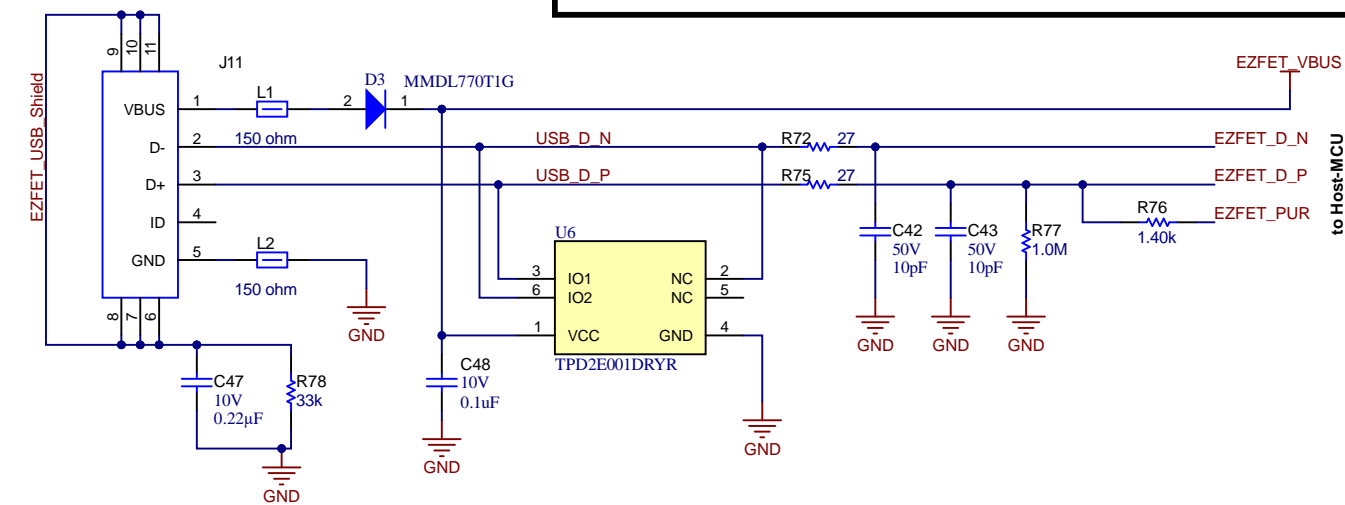
# Host MCU for Emulation



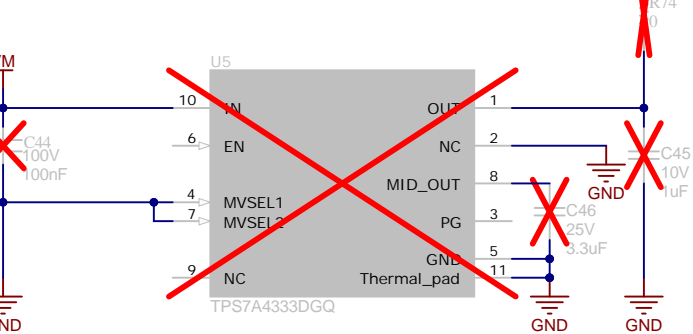
## 3.3V Power (EZFET\_VCC)



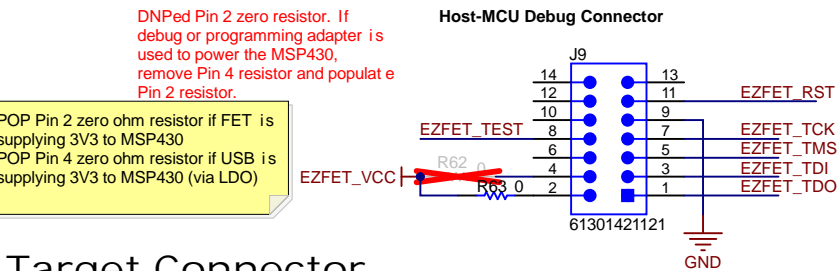
# USB-I-Interface



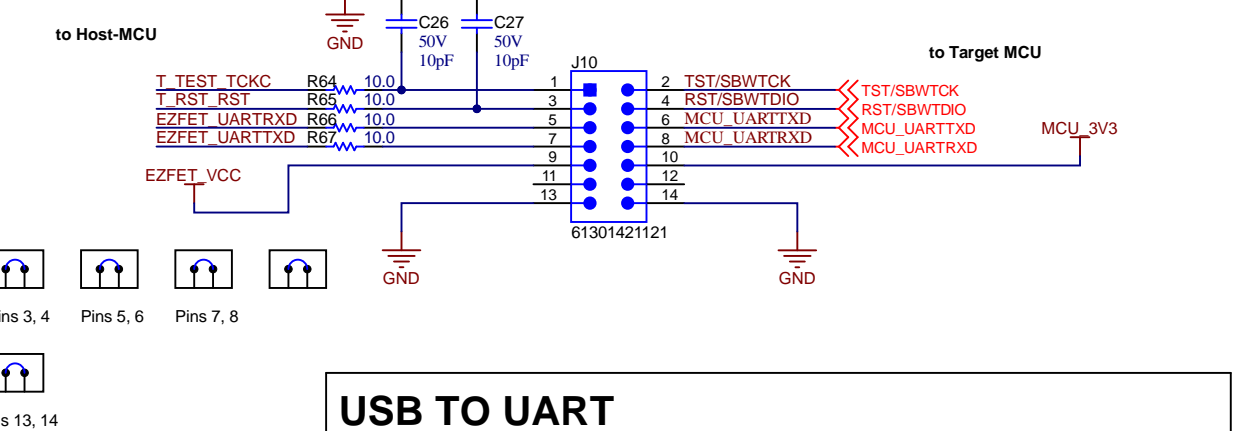
## 3.3V Power backup



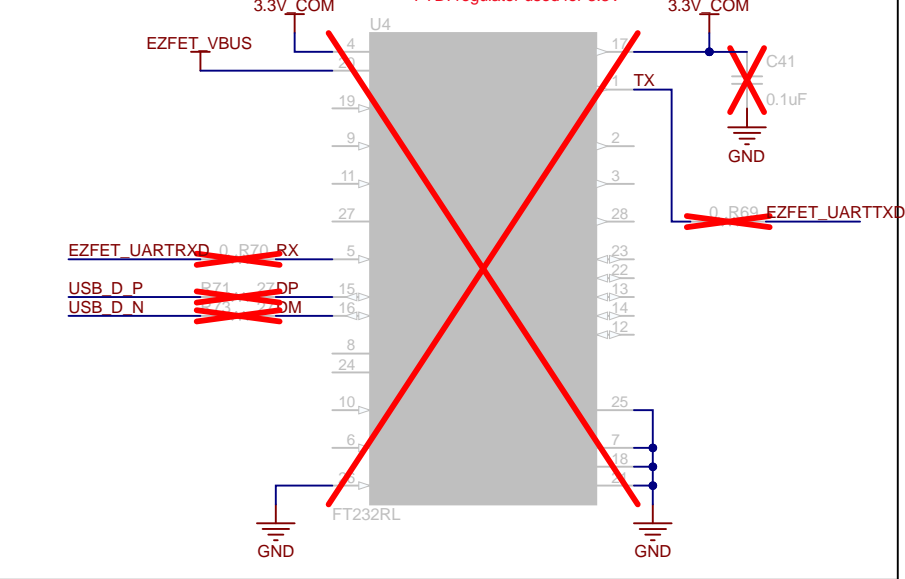
# JTAG-Connector (Host Debug)



# Target Connector



# USB TO UART



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Orderable: DRV8462EVM	Designed for: Public Release	Mod. Date: 6/8/2023
TID #: N/A	Project Title: DRV8452EVM	
Number: MD040	Rev: A	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 002	Sheet: 2 of 3
Drawn By: Pedro Arango Ramirez	File: MD040_ezFET_RevA.SchDoc	Size: B
Engineer: Pedro Arango Ramirez	Contact: http://www.ti.com/support	



