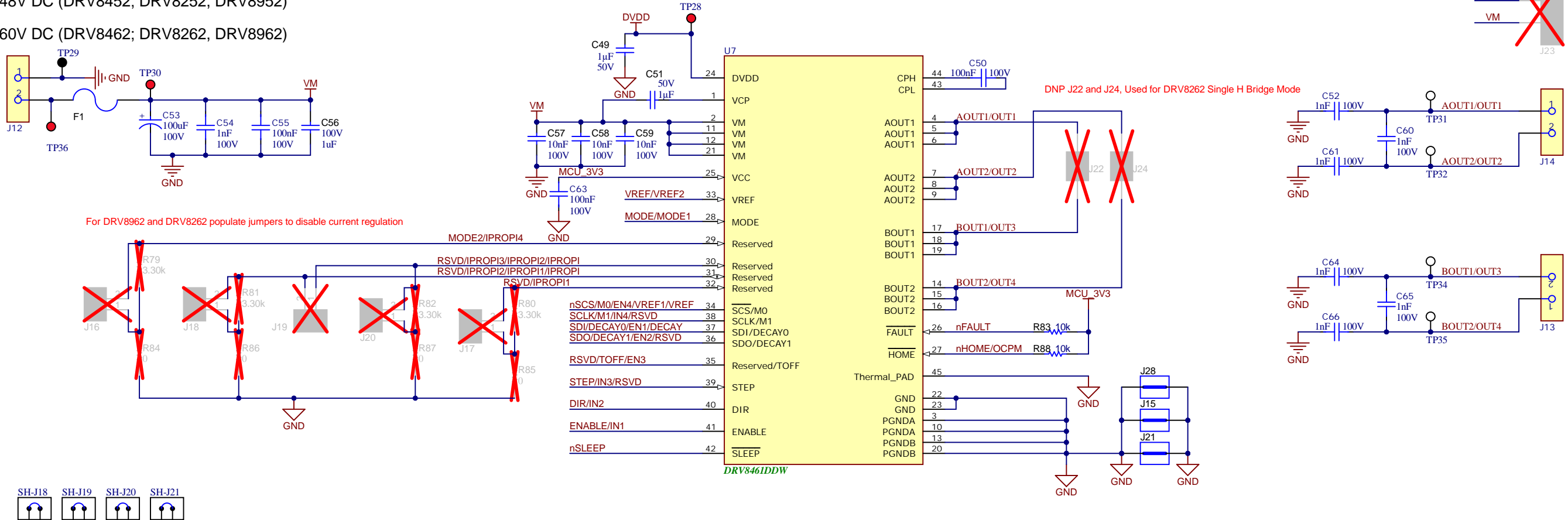


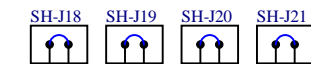
Motor Driver

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

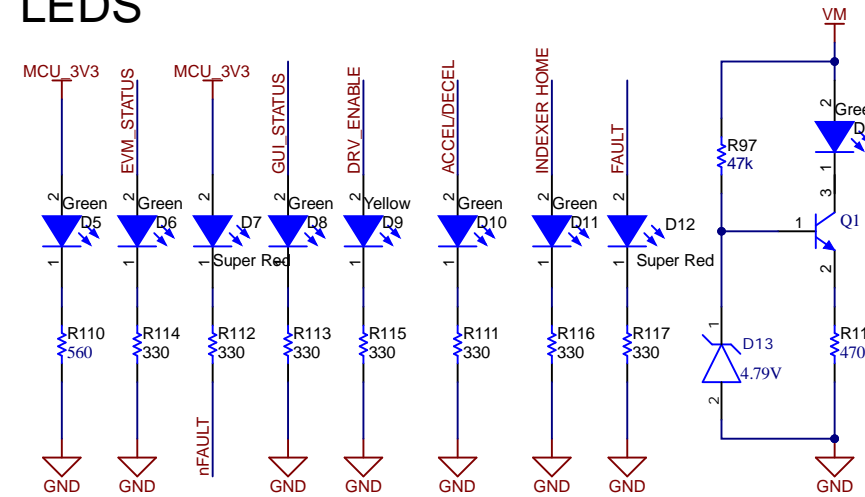
4.5 - 60V DC (DRV8462; DRV8262, DRV8962)



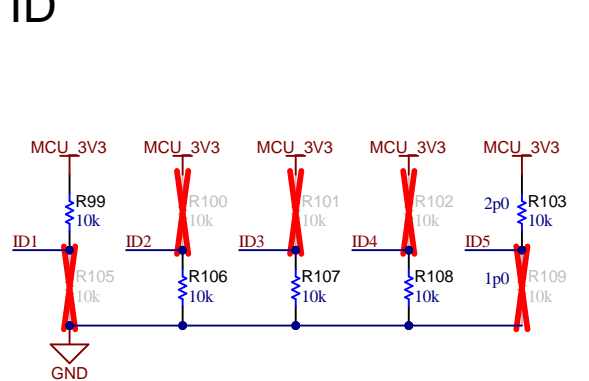
For DRV8962 and DRV8262 populate jumpers to disable current regulation



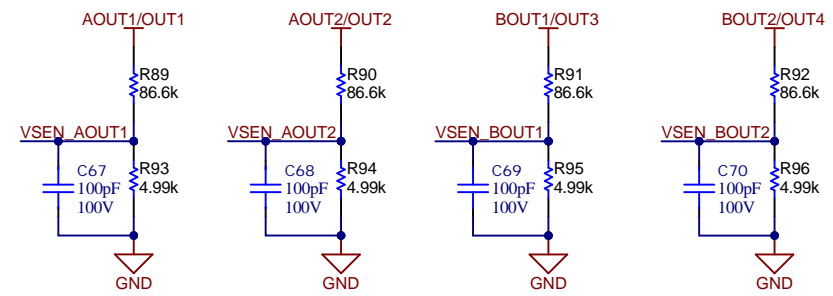
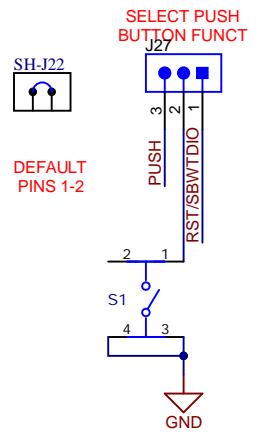
LEDS



ID



BUTTON

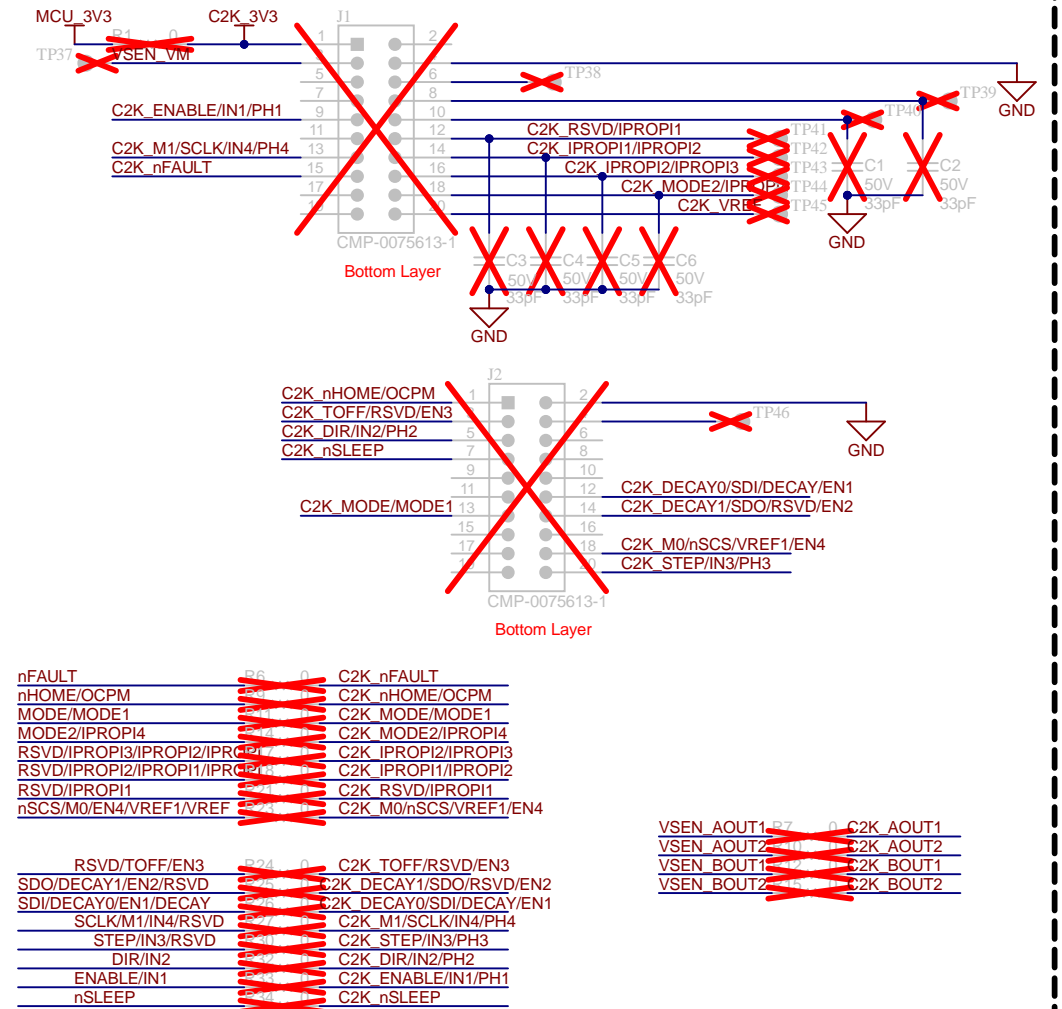
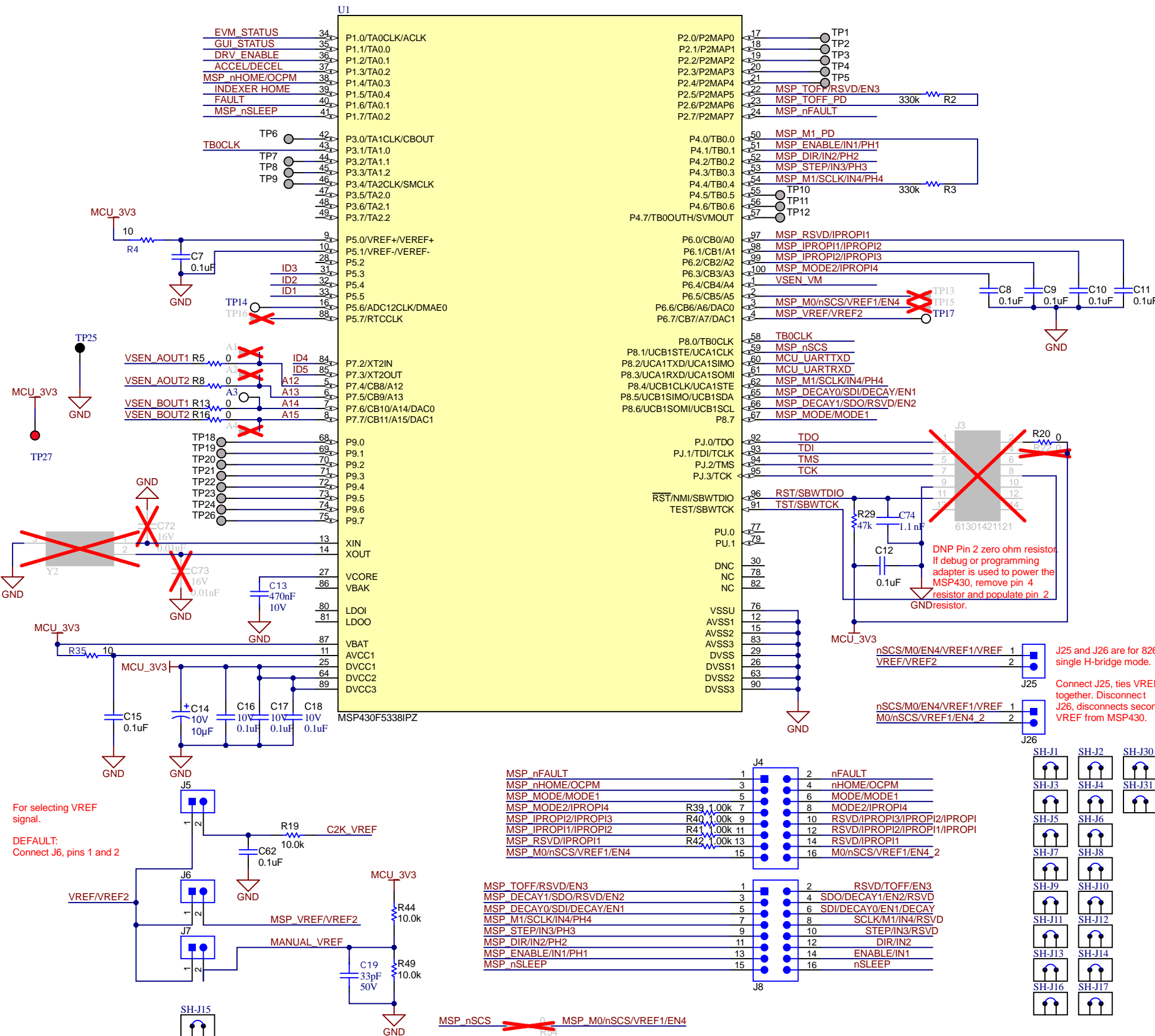


Orderable: DRV8461EVM	Designed for: Public Release	Mod. Date: 6/8/2023
TID #: N/A	Project Title: DRV8452EVM	
Number: MD040	Rev: A	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 007	Sheet: 2 of 3
Drawn By:	File: MD040_Motor_Driver_RevA_SchDoc	Size: B
Engineer: Pedro Arango Ramirez	Contact: http://www.ti.com/support	

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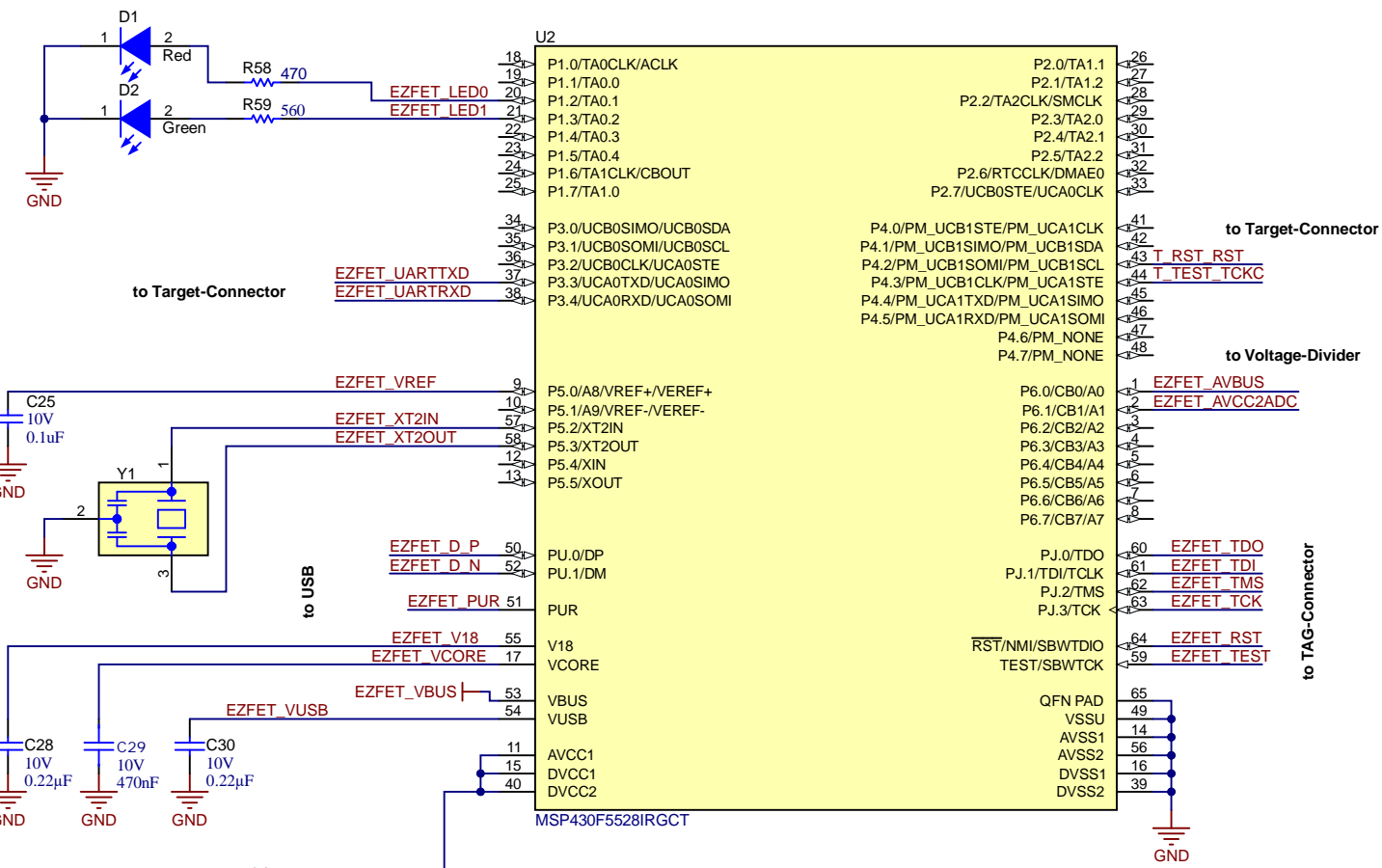


MSP430F5338

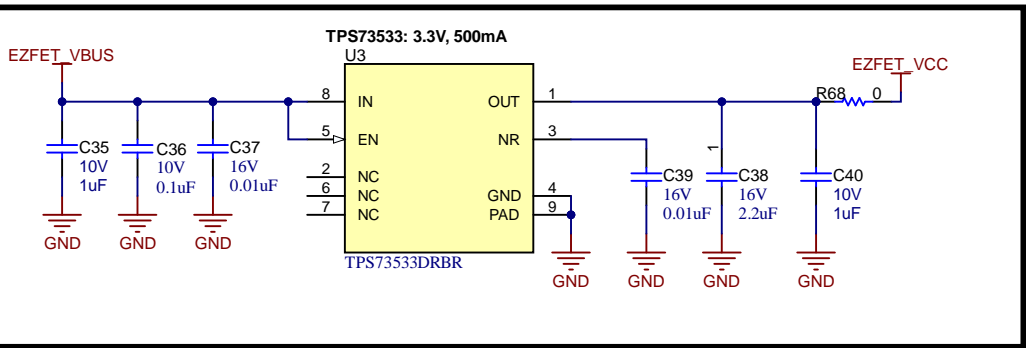


Orderable: DRV8461EVM	Designed for: Public Release	Mod. Date: 6/8/2023	 TEXAS INSTRUMENTS
TID #: N/A	Project Title: DRV8452EVM		
Number: MD040	Rev: A	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: 007	Sheet: 2 of 3	
Drawn By:	File: MD040_Motor_control_RevA.SchDoc	Size: B	
Engineer: Pedro Arango Ramirez	Contact: http://www.ti.com/support	http://www.ti.com	© Texas Instruments 2022

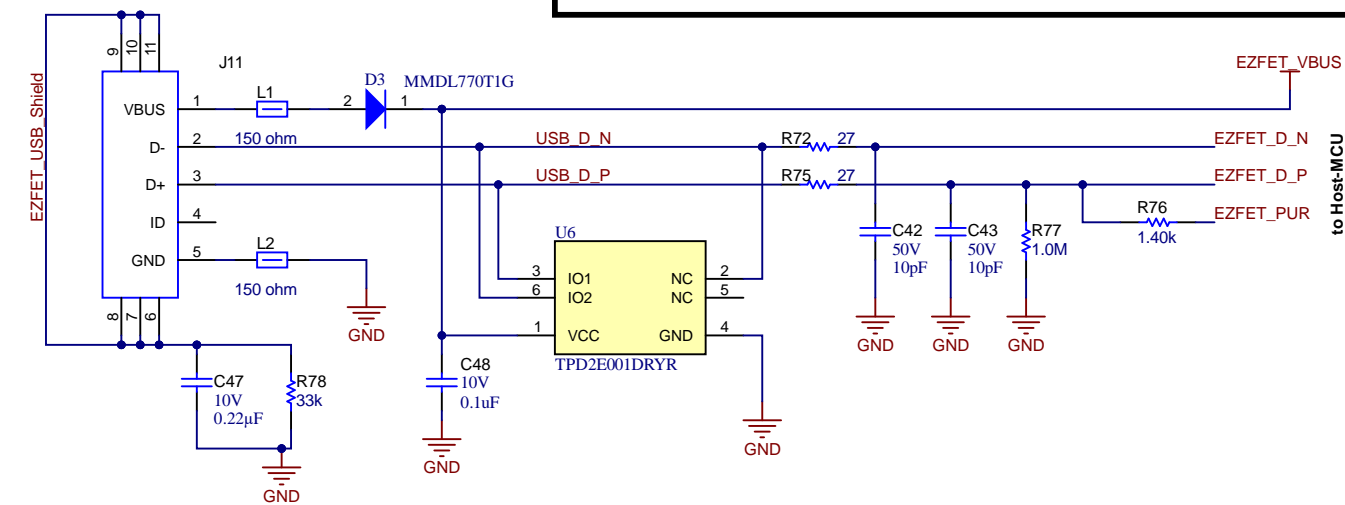
Host MCU for Emulation



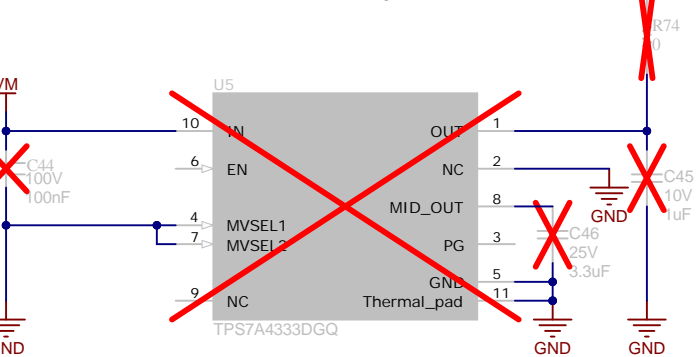
3.3V Power (EZFET_VCC)



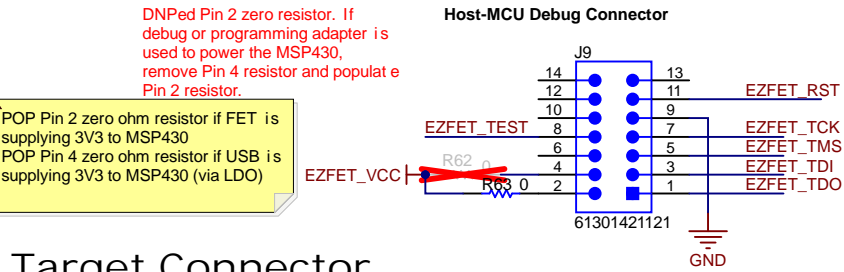
USB-I-Interface



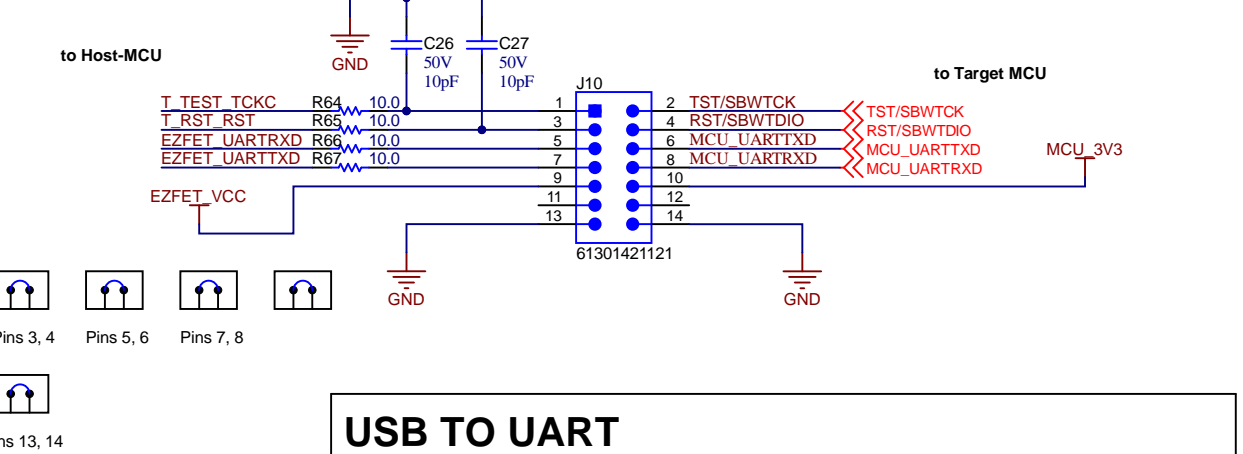
3.3V Power backup



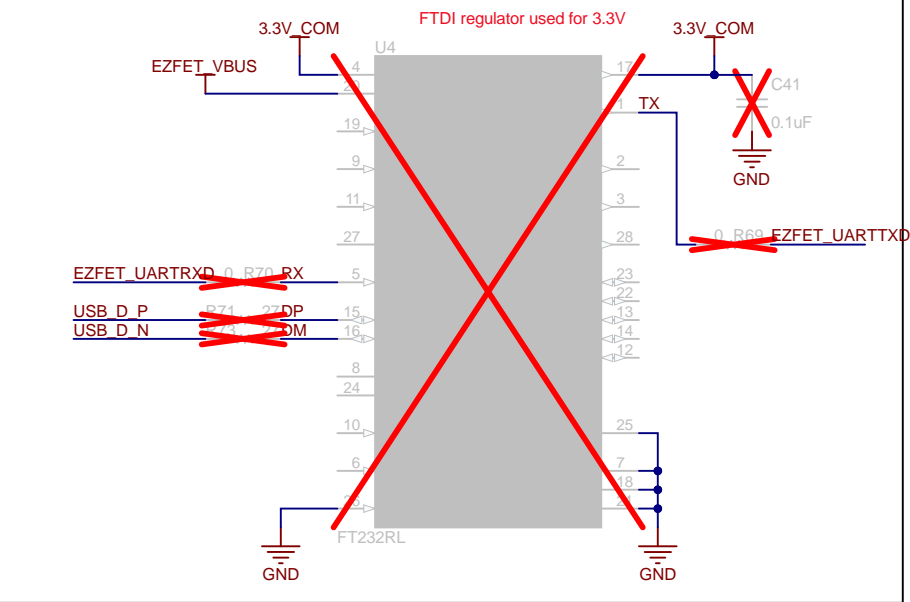
JTAG-Connector (Host Debug)



Target Connector



USB TO UART



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Orderable: DRV8461EVM	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: 007	Sheet: 2 of 3
Drawn By:	File: MD040_ezFET_RevA.SchDoc	Size: B
Engineer: Pedro Arango Ramirez	Contact: http://www.ti.com/support	

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Orderable: DRV8461EVM

TID #: N/A

Number: MD040

SVN Rev: Not in version control

Drawn By:

Engineer: Pedro Arango Ramirez

Designed for: Public Release

Project Title: DRV8452EVM

Sheet Title:

Assembly Variant: 007

File: MD040_Hardware_RevA.SchDoc

Contact: http://www.ti.com/support

Mod. Date: 6/8/2023

Sheet: 3 of 3

Size: B

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