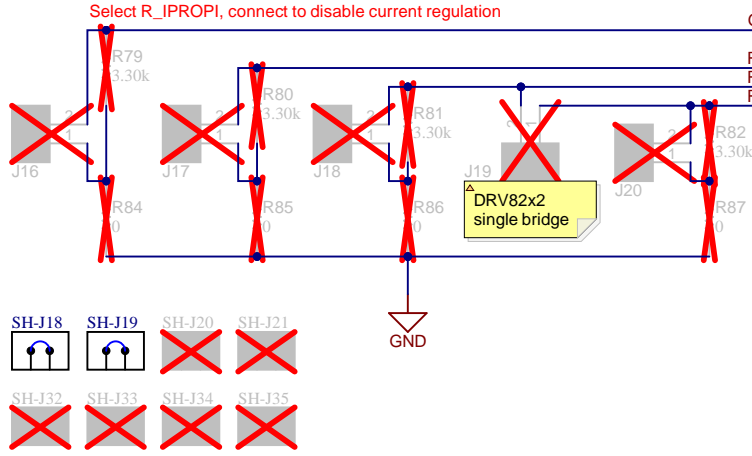
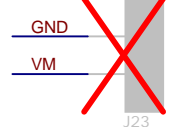
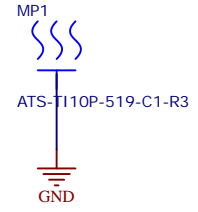
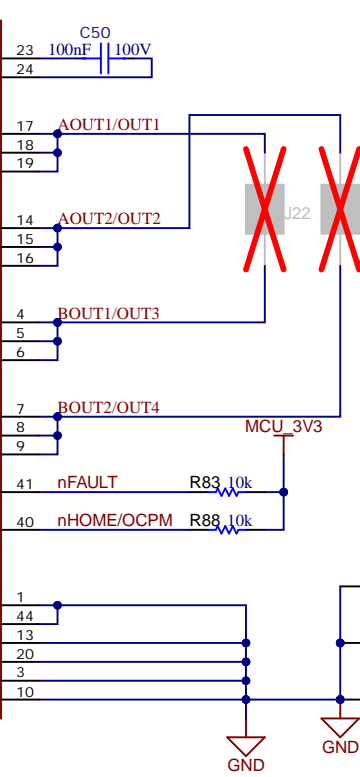
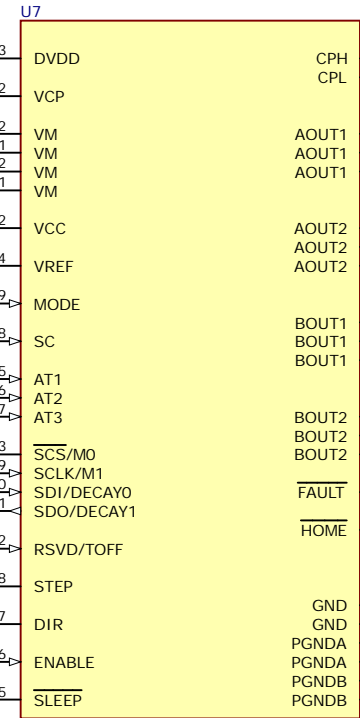
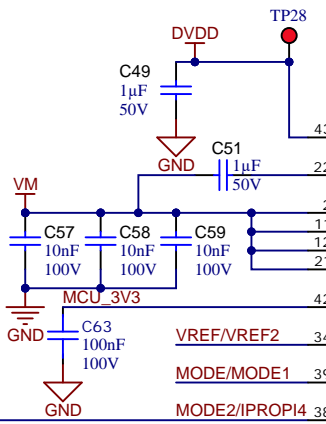
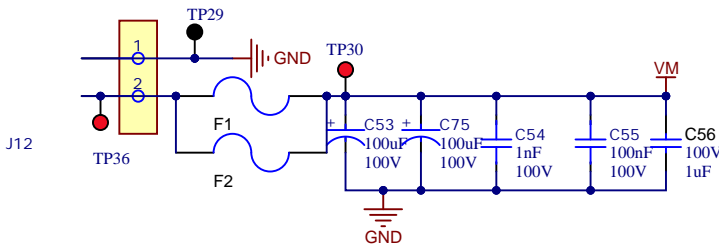


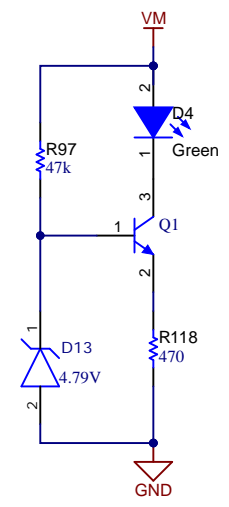
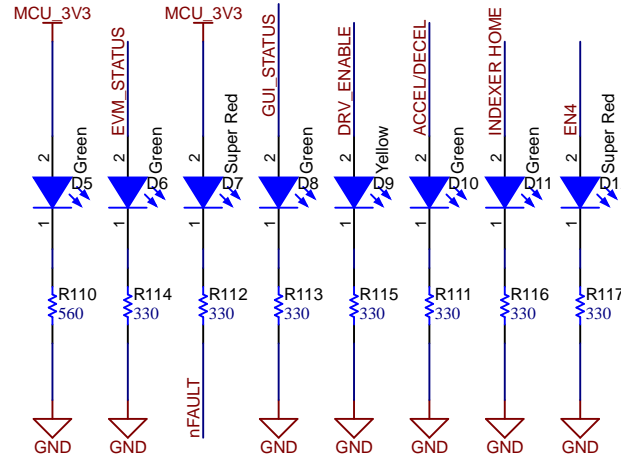
Motor Driver

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

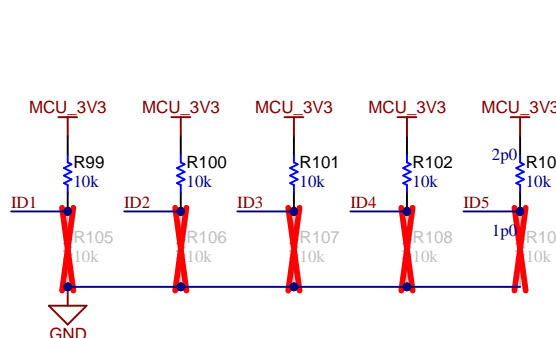
4.5 - 60V DC (DRV8462; DRV8262, DRV8962)



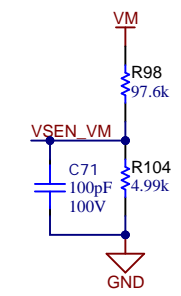
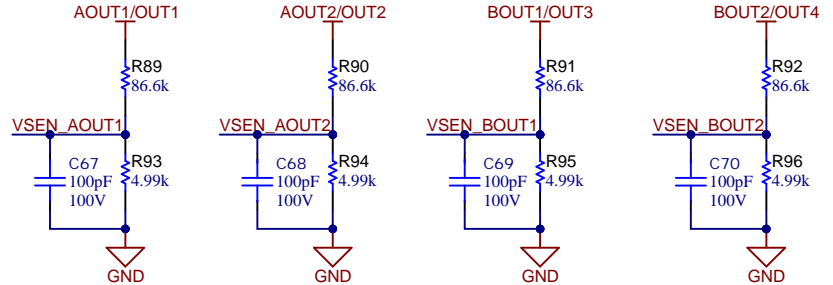
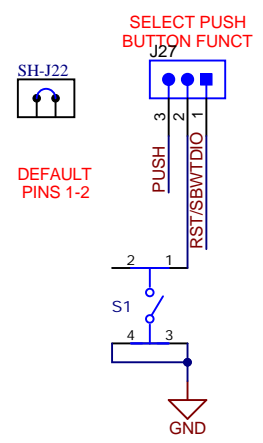
LEDS



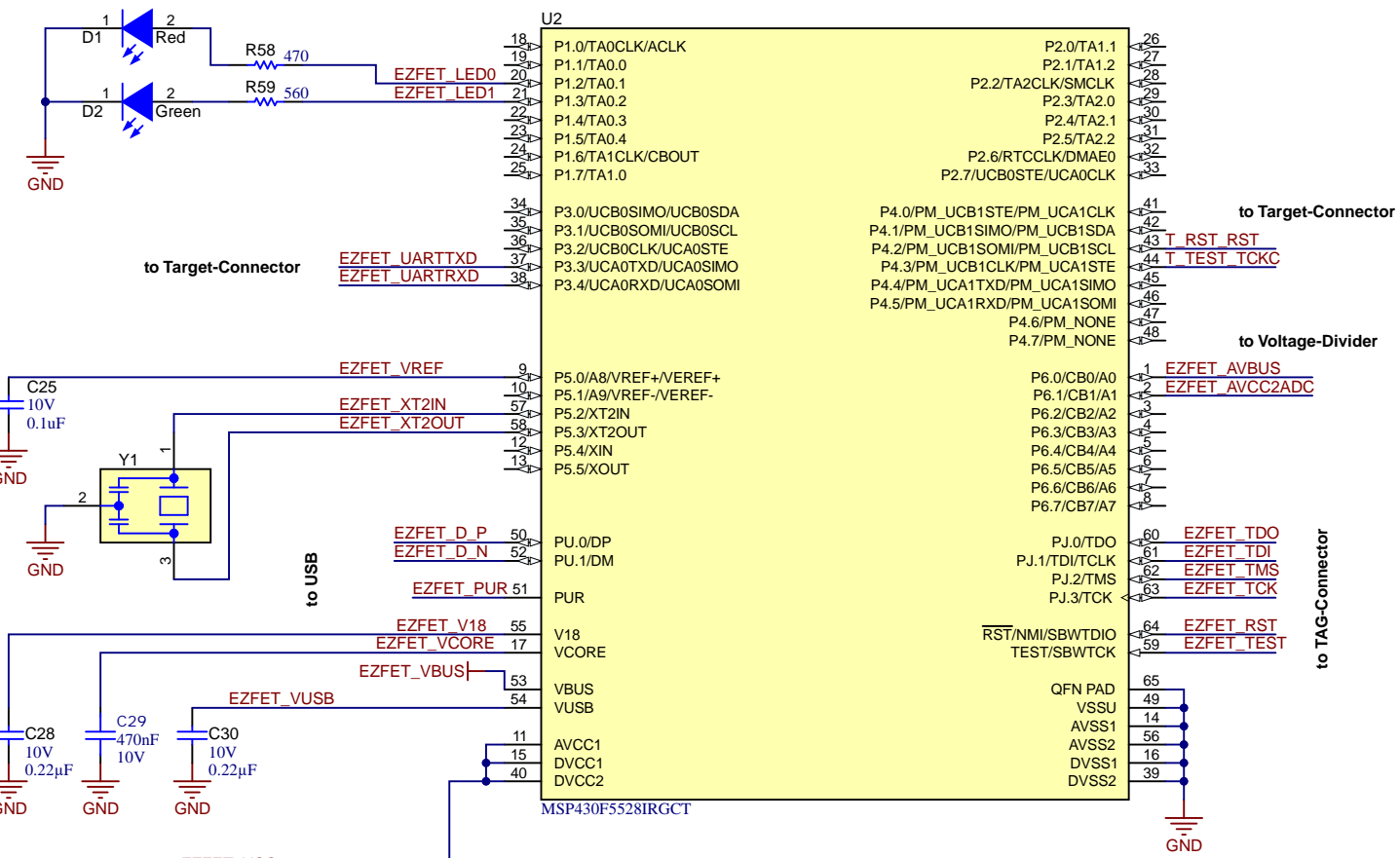
ID



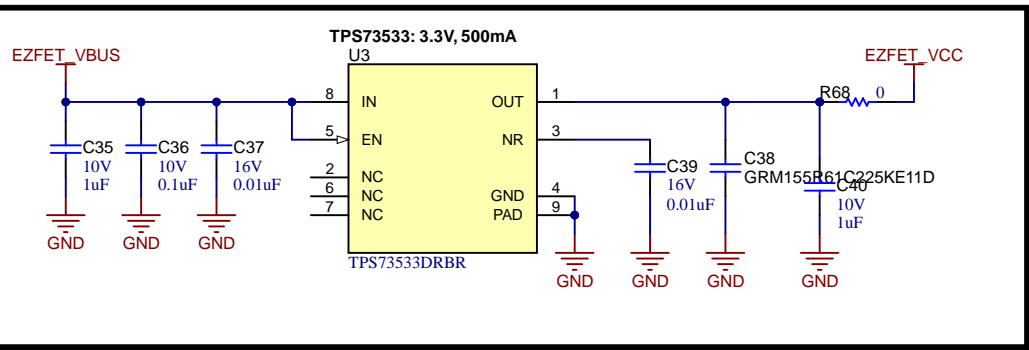
BUTTON



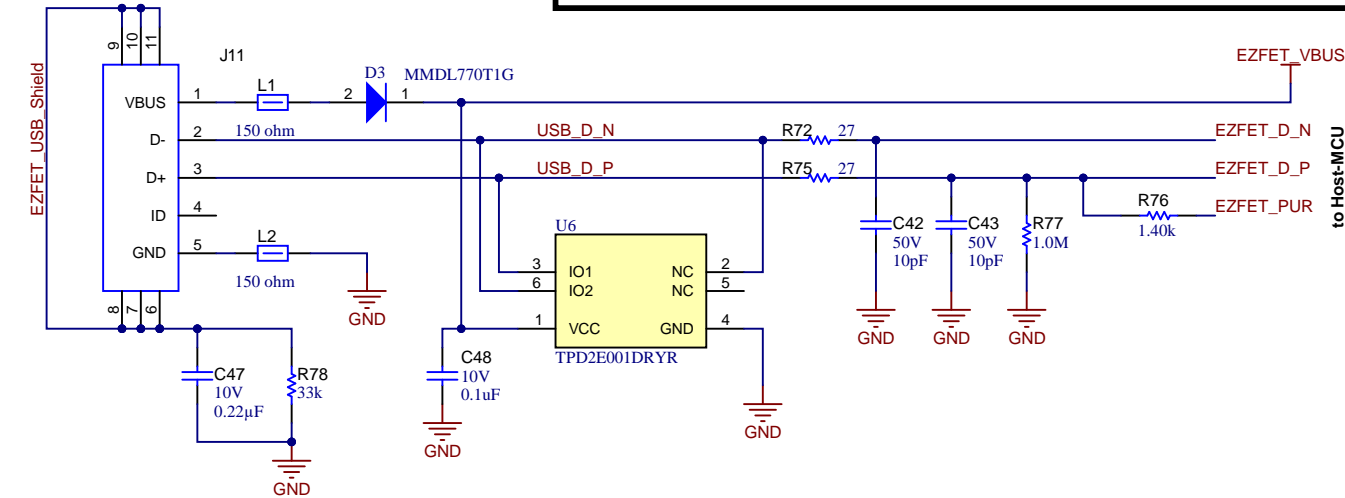
## Host MCU for Emulation



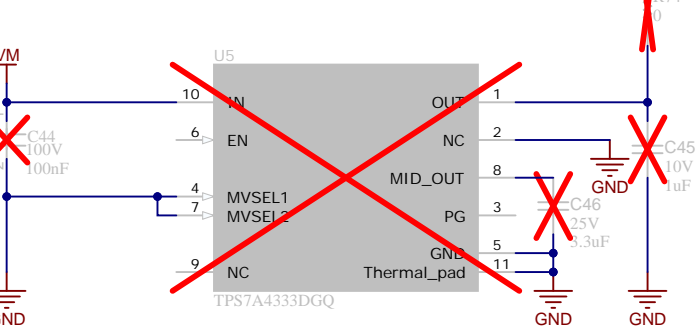
## 3.3V Power (EZFET\_VCC)



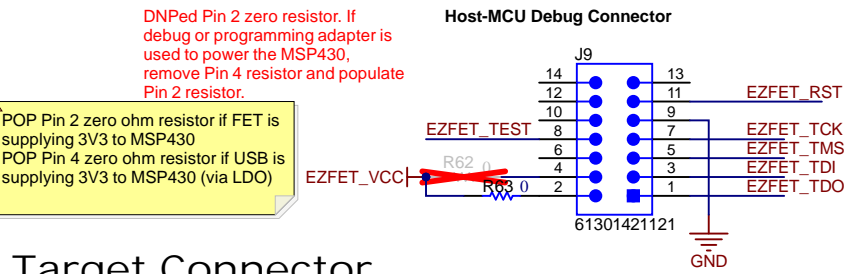
## USB-Interface



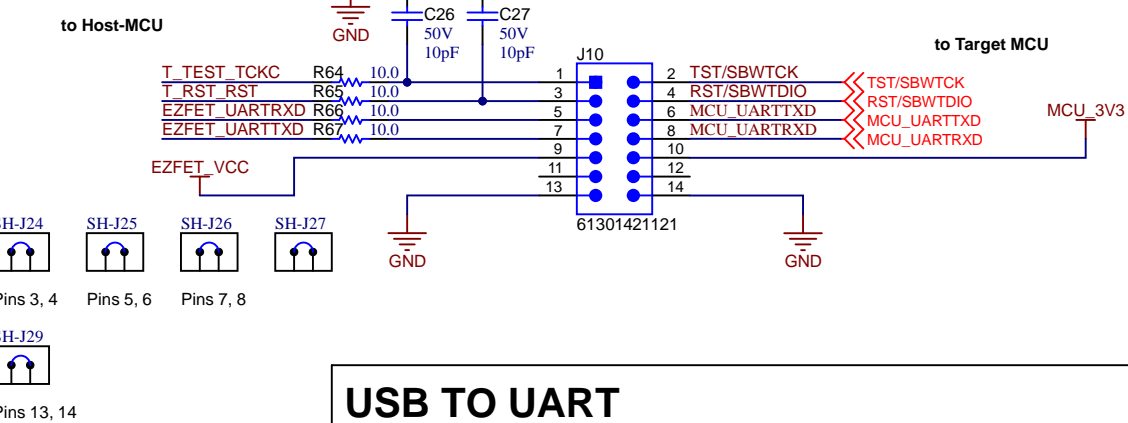
## 3.3V Power backup



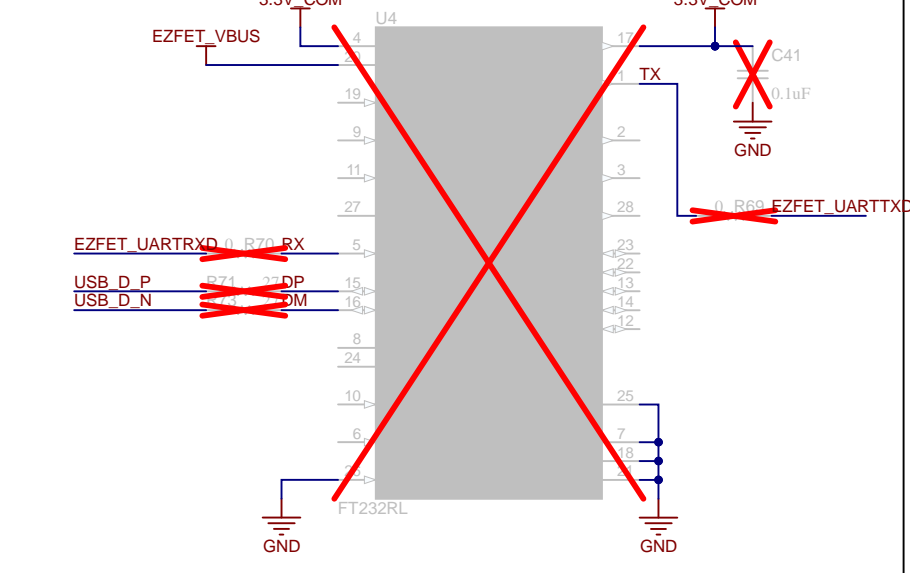
## TAG-Connector (Host Debug)



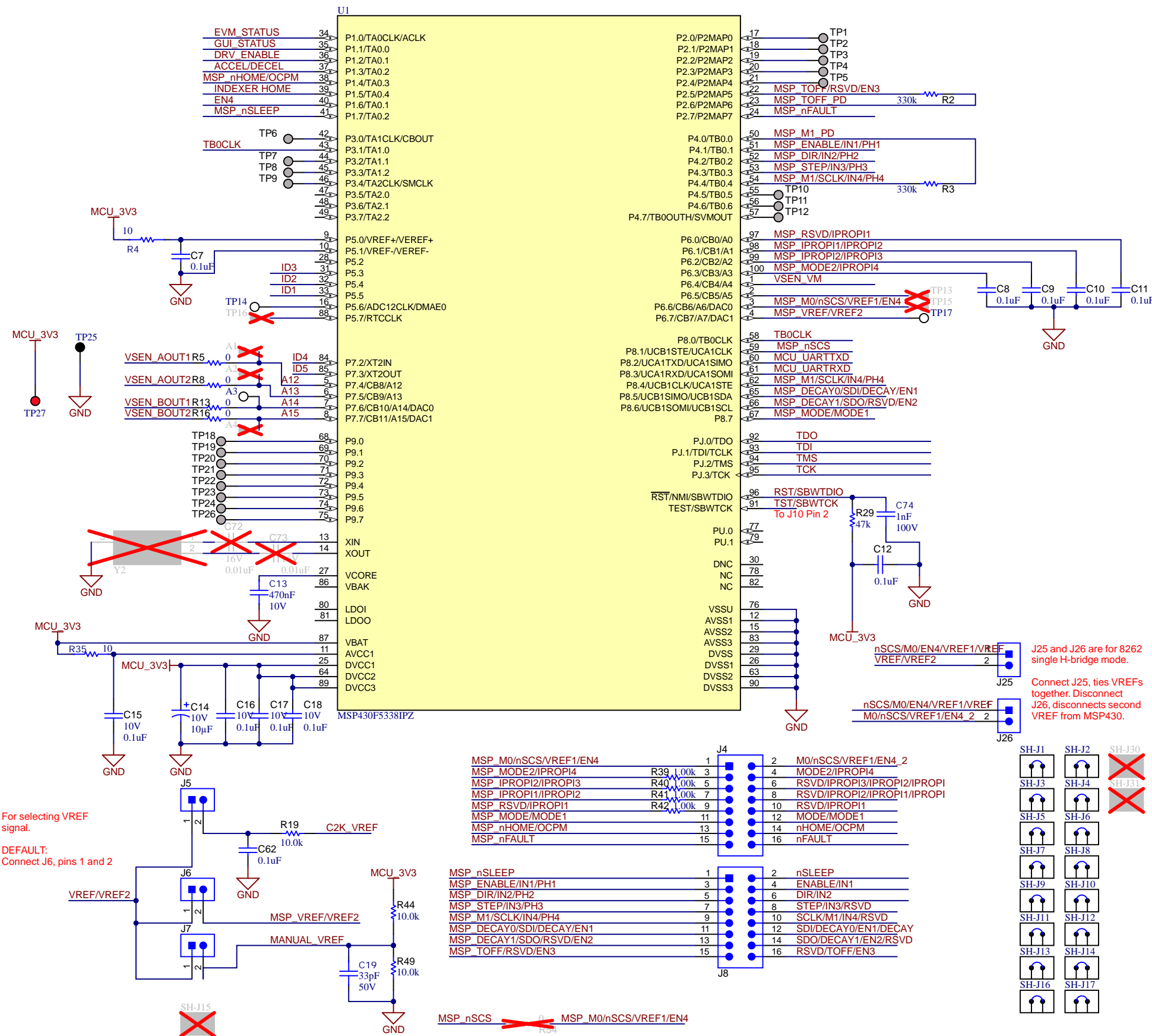
## Target Connector



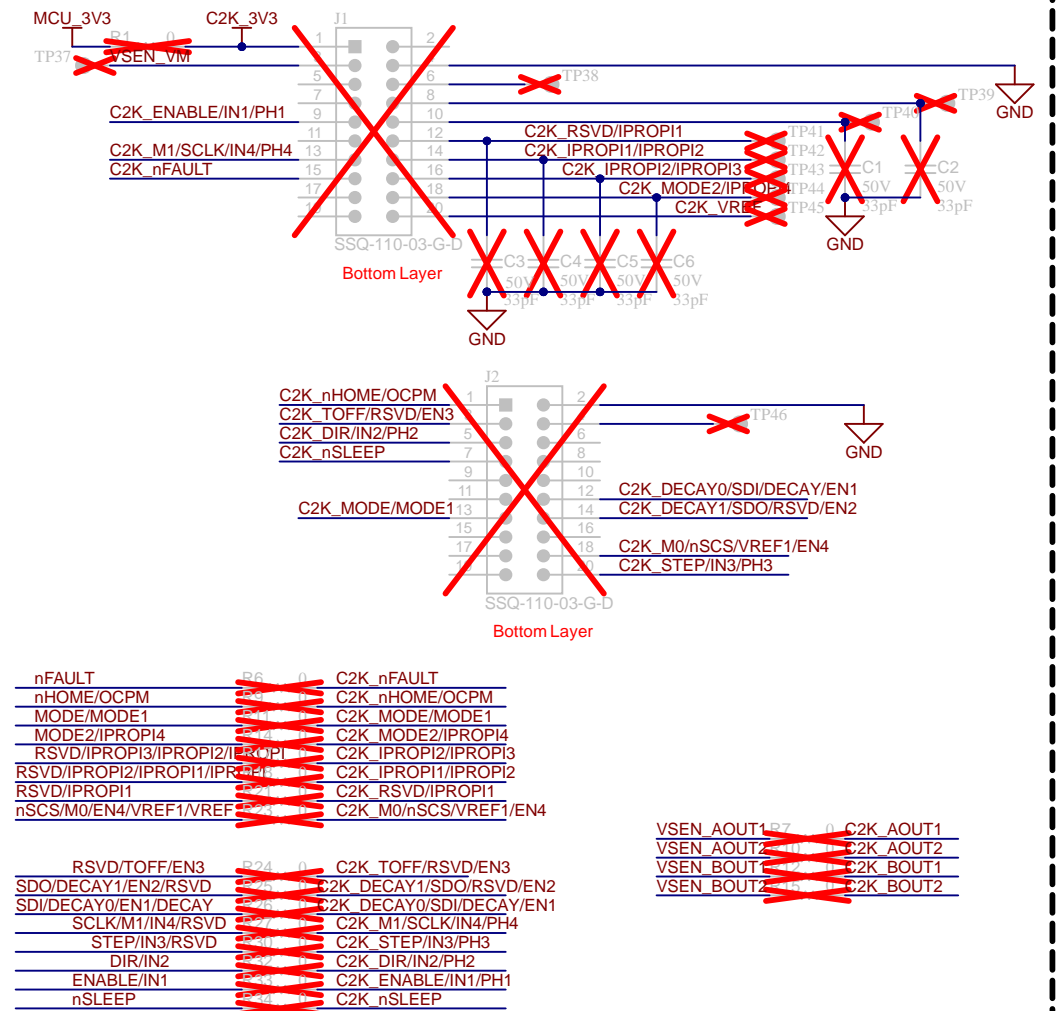
## USB TO UART



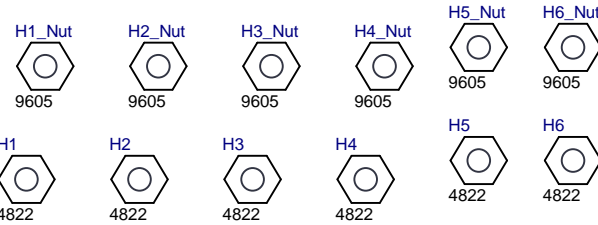
## MSP430F5338



## C2000 (LAUNCHXL-F280025C) connectors !



Orderable: <b>DRV8462VEVM</b>	Designed for: <b>Public Release</b>	Mod. Date: 6/20/2023	
TID #: <b>N/A</b>	Project Title: <b>DRV8x62VEVM</b>		
Number: <b>MD041</b>	Rev: <b>A</b>	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: <b>001</b>	Sheet: <b>3</b> of <b>4</b>	
Drawn By:	File: <b>MD041_Motor_control_RevA.SchDoc</b>	Size: B	
Engineer: <b>Akshay Rajeev Menon</b>	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>		<a href="http://www.ti.com">http://www.ti.com</a> © Texas Instruments 2022



PCB Number: MD041

PCB Rev: A

PCB

LOGO

Texas Instruments



PCB

LOGO

FCC disclaimer

PCB

LOGO

WEEE logo



PCB

LOGO

CAUTION. READ USER GUIDE BEFORE USE



LBL1

PCB Label

THT-14-423-10

Size: 0.65" x 0.20 "

ZZ1

Label Assembly Note

This Assembly Note is for PCB labels only

ZZ2

Assembly Note

These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3

Assembly Note

These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4

Assembly Note

These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

Variant/Label Table	
Variant	Label Text
001	DRV8462VEVM
002	DRV8962VEVM
003	DRV8262VEVM

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

Orderable: <a href="#">DRV8462VEVM</a>		Designed for: <a href="#">Public Release</a>	Mod. Date: 6/20/2023
TID #: <a href="#">N/A</a>		Project Title: <a href="#">DRV8x62VEVM</a>	
Number: <a href="#">MD041</a>	Rev: <a href="#">A</a>	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">4</a> of <a href="#">4</a>
Drawn By:		File: <a href="#">MD041_Hardware_RevA.SchDoc</a>	Size: B
Engineer: <a href="#">Akshay Rajeev Menon</a>		Contact: <a href="#">http://www.ti.com/support</a>	

TEXAS  
INSTRUMENTS

[http://www.ti.com](#)

© Texas Instruments 2022