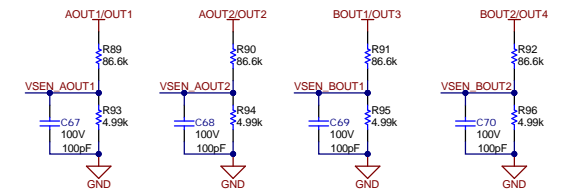
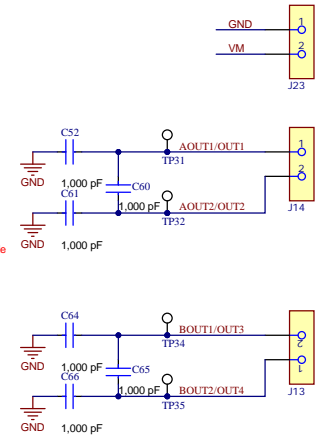
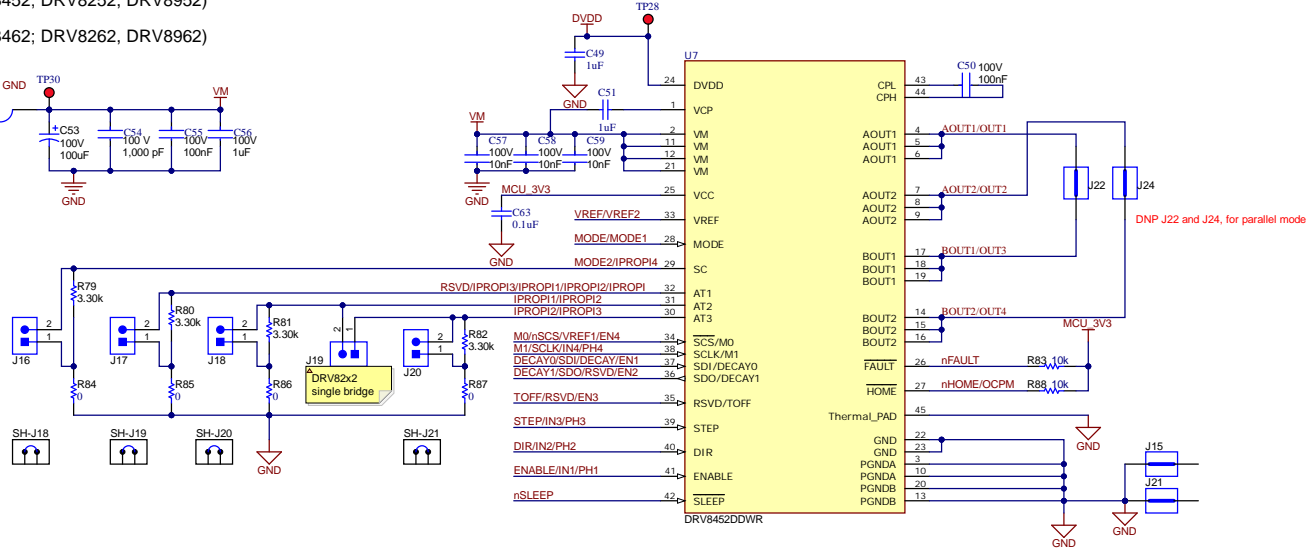
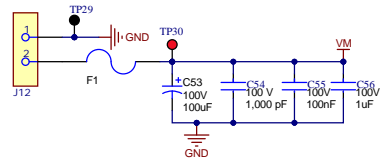


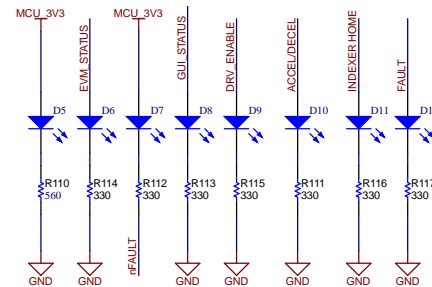
Motor Driver

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

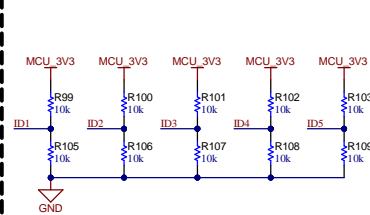
4.5 - 60V DC (DRV8462; DRV8262, DRV8962)



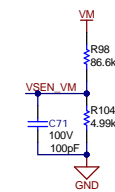
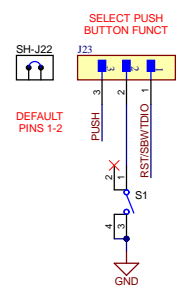
LEDS




ID



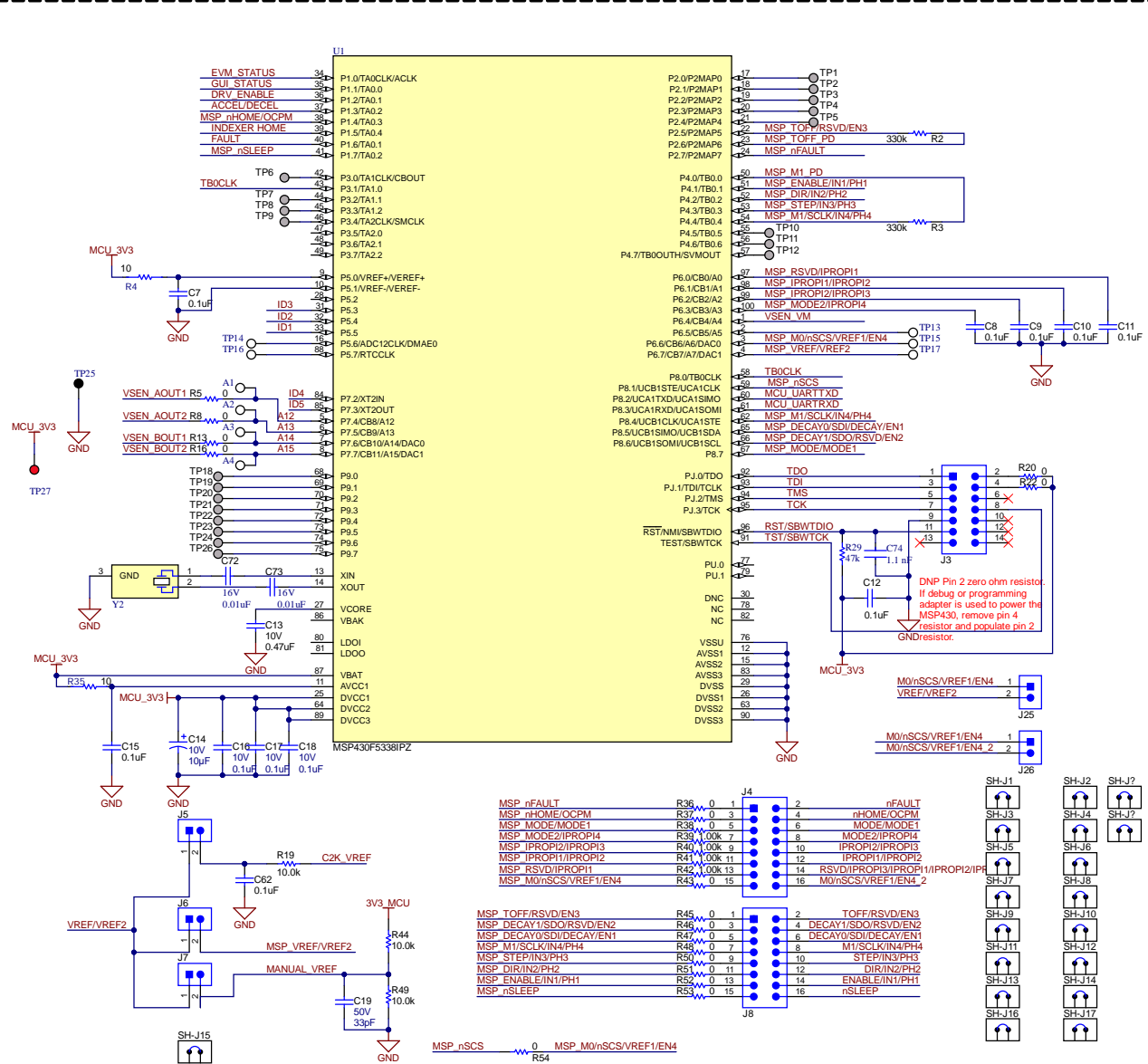
BUTTON



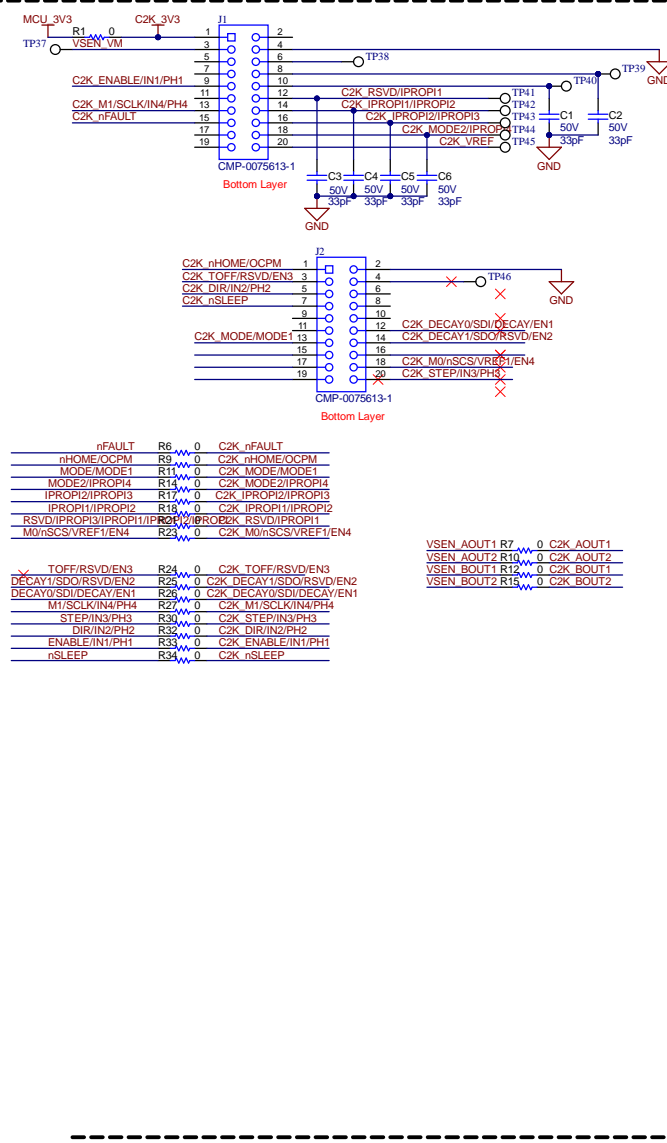
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Orderable:	Designed for: Public Release	Mod. Date: 5/25/2022	 TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments, 2021
TID #: N/A	Project Title: DRV8452EVM		
Number: MD040	Rev: E1	Sheet Title:	
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 2 of 3	
Drawn By:	File: MD040_Motor_Driver_RevE1_SchDoc	Size: B	
Engineer: Wang Li	Contact: http://www.ti.com/support		

MSP430F5338



C2000 (LAUNCHXL-F280025C) connectors



Orderable:	Designed for: Public Release	Mod. Date: 5/25/2022
TID #:	N/A	
Number: MD040	Rev: E1	
SVN Rev: Unknown revision	Assemble Variant: [No Variations]	Sheet: 2 of 3
Drawn By:	File: MD040_Motor_control_RevE1_SchDoc	Size: B
Engineer: Wang Li	Contact: http://www.ti.com/support	

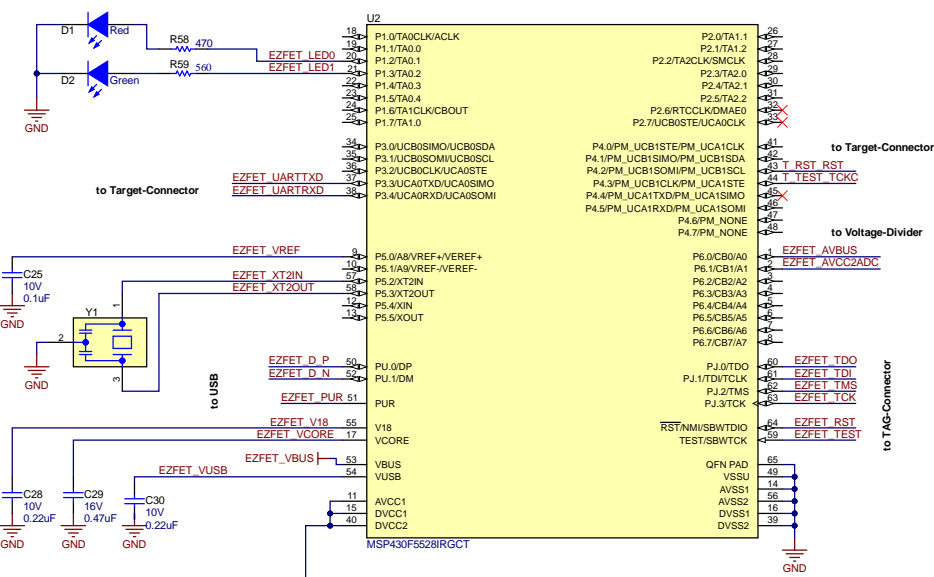


**TEXAS
INSTRUMENTS**

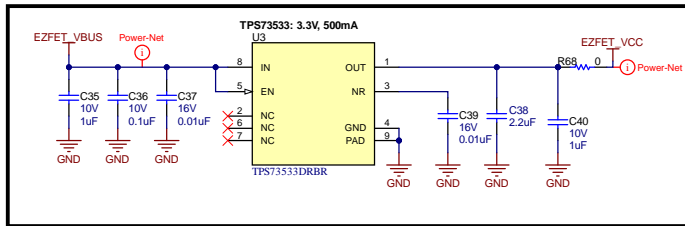
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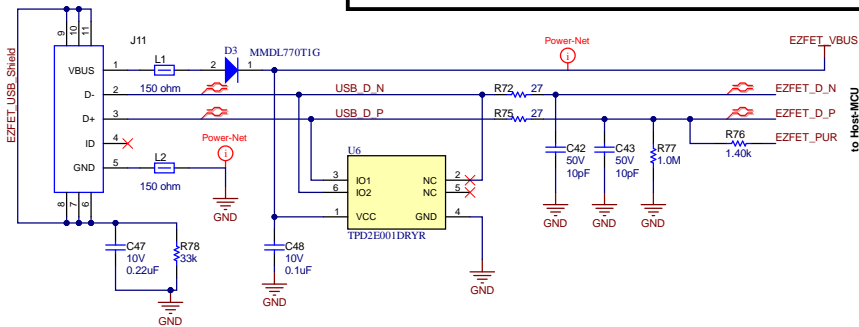
Host MCU for Emulation



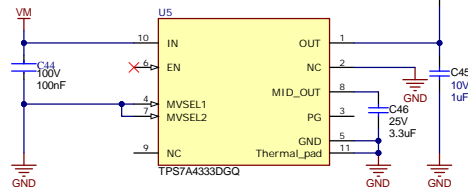
3.3V Power (EZFET_VCC)



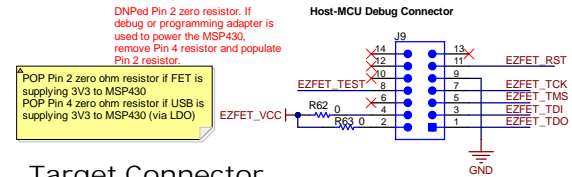
USB-I Interface



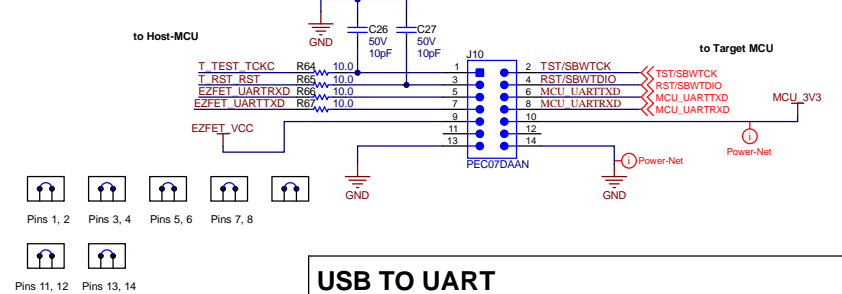
3.3V Power backup



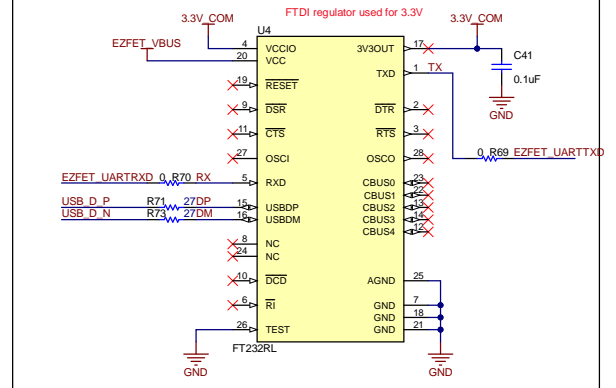
TAG-Connector (Host Debug)



Target Connector



USB TO UART



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Orderable:	Designed for: Public Release	Mod. Date: 5/16/2022
TID #: N/A	Project Title: DRV8452EVM	
Number: MD040	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 2 of 3
Drawn By:	File: MD040_ezFET_RevE1.SchDoc	Size: B
Engineer: Wang Li	Contact: http://www.ti.com/support	

H1 Nut
9605

H2 Nut
9605

H3 Nut
9605

H4 Nut
9605

H1
4822

H2
4822

H3
4822

H4
4822

FID1

FID2

FID3

PCB Number: MD040
PCB Rev: E1

PCB LOGO
Texas Instruments

CE Mark

PCB LOGO
FCC disclaimer

PCB LOGO
WEEE logo

CAUTION HOT SURFACE

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 Text
001	DRV8452EVM
002	DRV8252EVM
003	DRV8952EVM
004	DRV8462EVM
005	DRV8262EVM
006	DRV8962EVM

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Orderable:	Designed for: Public Release	Mod. Date: 5/13/2022
TID #:	N/A	Project Title: DRV8452EVM
Number: MD040	Rev: E1	Sheet Title:
SVN Rev: Unknown revision	Assembly Variant: [No Variations]	Sheet: 3 of 3
Drawn By:	File: MD040_Hardware_RevE1.SchDoc	Size: B
Engineer: Wang Li	Contact: http://www.ti.com/support	

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