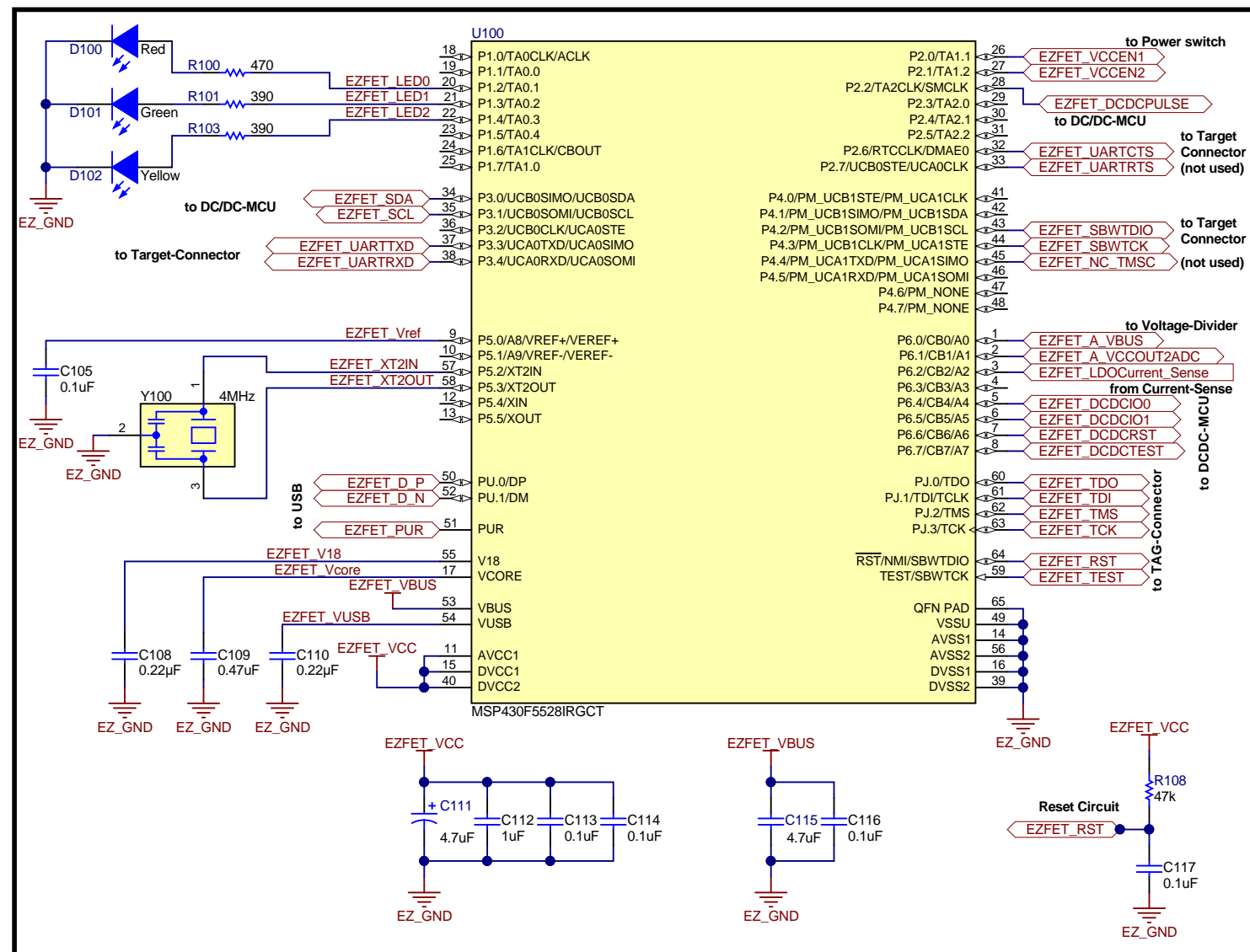
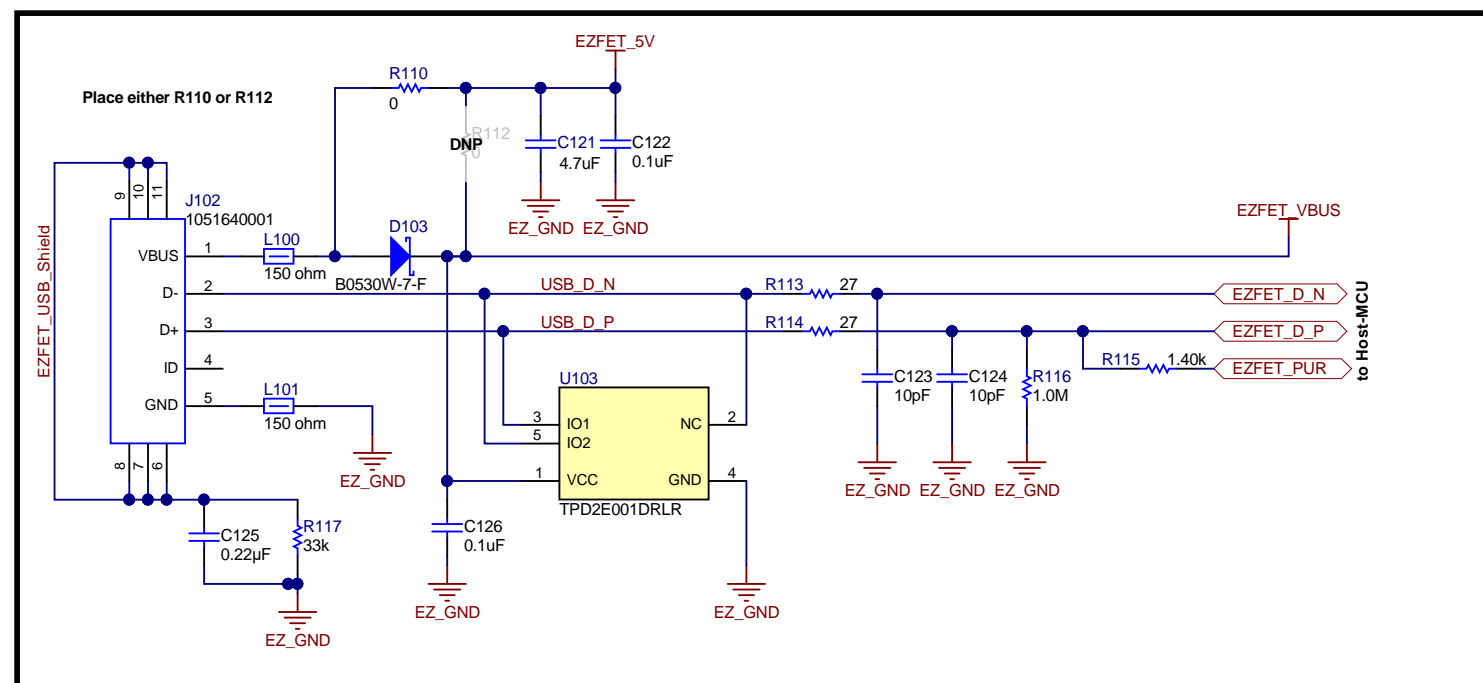


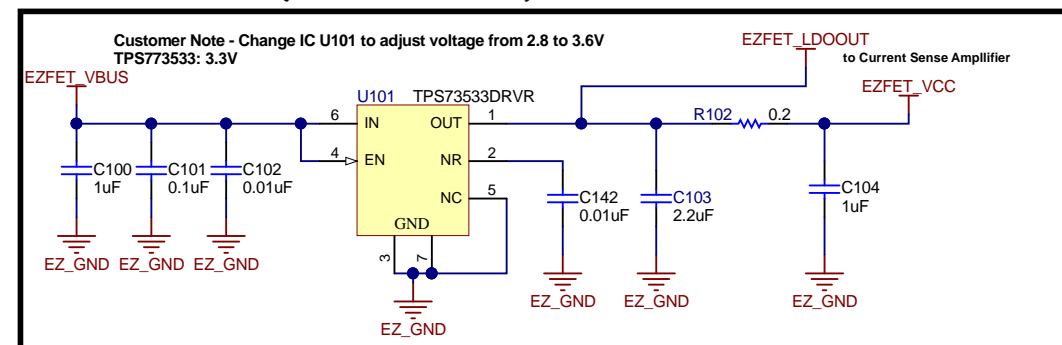
Host MCU for Emulation



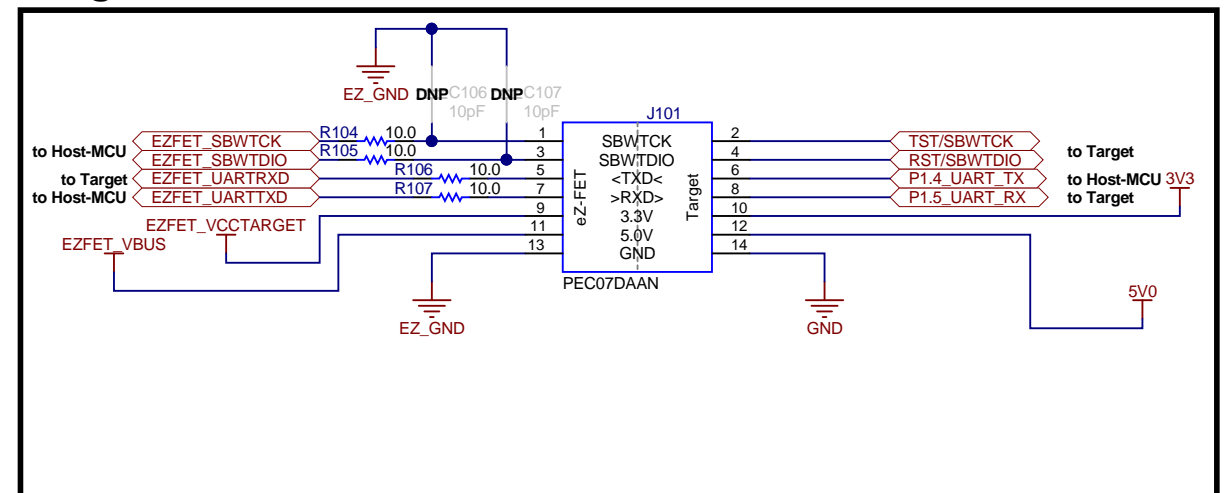
USB-Interface



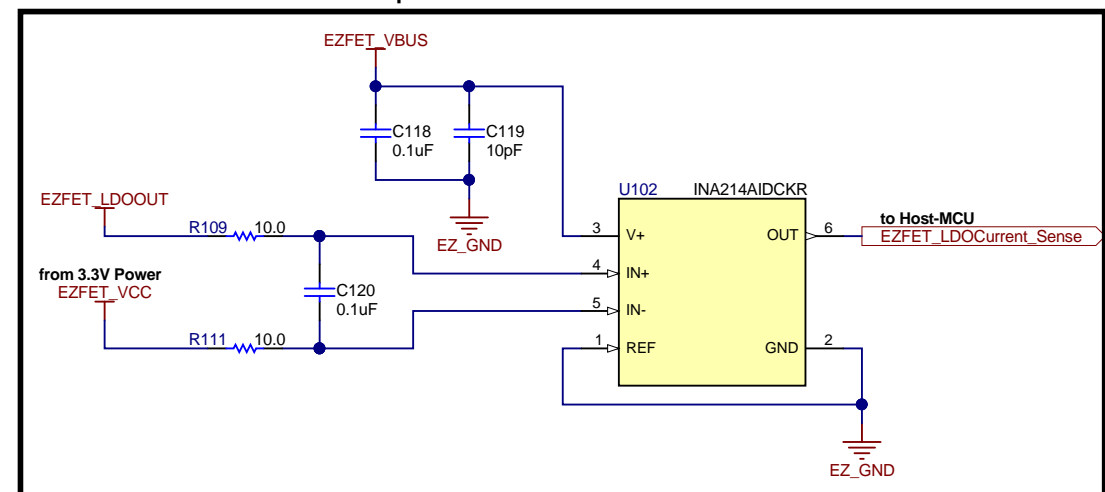
3.3V Power (EZFET_VCC)



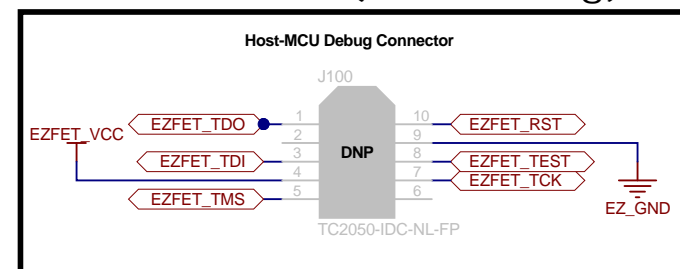
Target Connector




Current Sense Amplifier

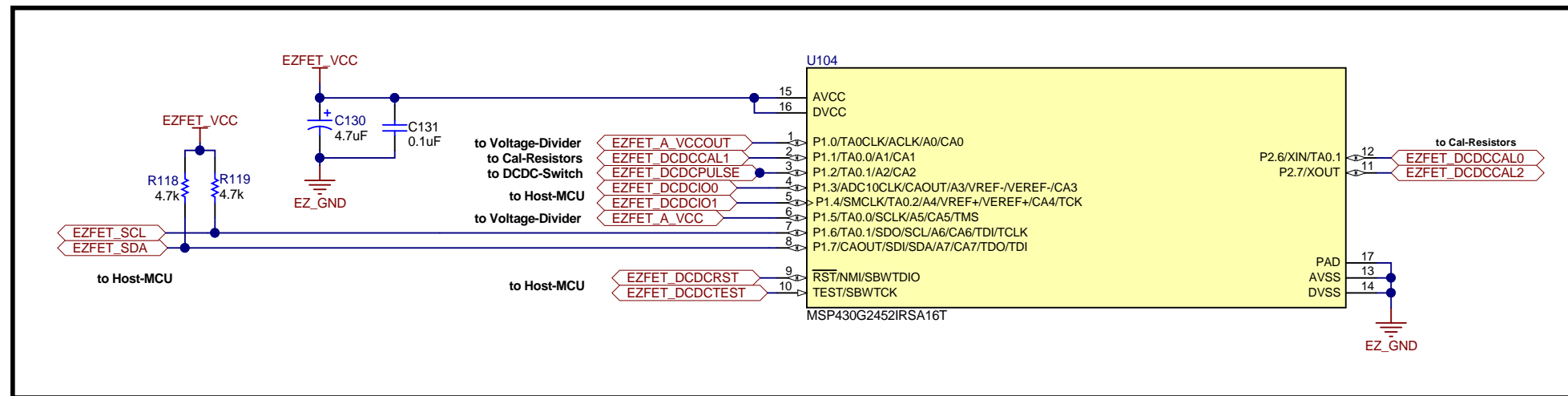


TAG-Connector (Host Debug)



Orderable: LP-MSP430FR2476	Designed for: Public Release	Mod. Date: 12/19/2018	 TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments 2018
TID #: N/A	Project Title: LP-MSP430FR2476		
Number: MCU045	Rev: A	Sheet Title: ez-FET: Host-MCU, USB, Power	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 5	
Drawn By:	File: MCU045A_ezFET_Host.SchDoc	Size: A3	
Engineer: S Kim	Contact: http://www.ti.com/support		

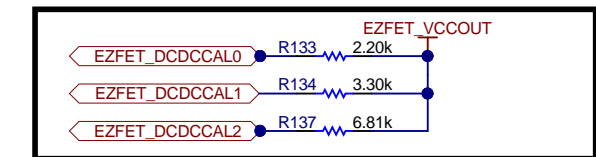
DCDC-MCU



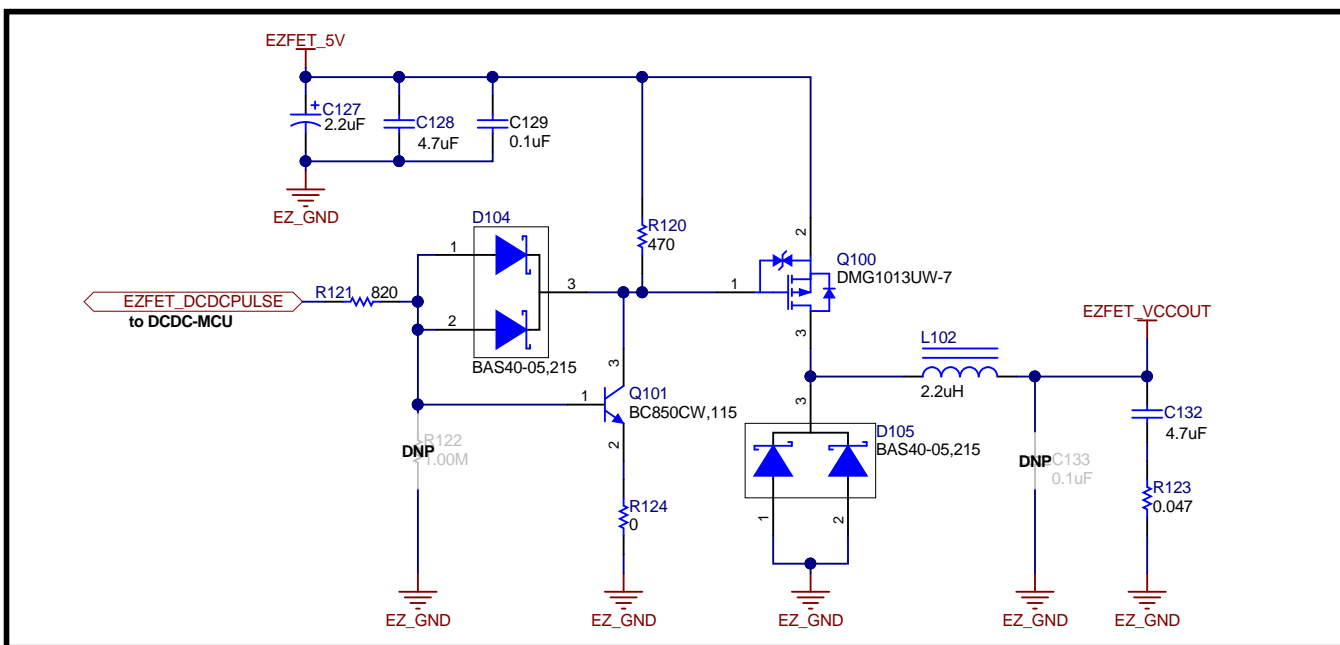
Software-controlled DCDC converter

Energy measurement method protected under U.S. Patent Application 13/329,073 and subsequent patent applications.

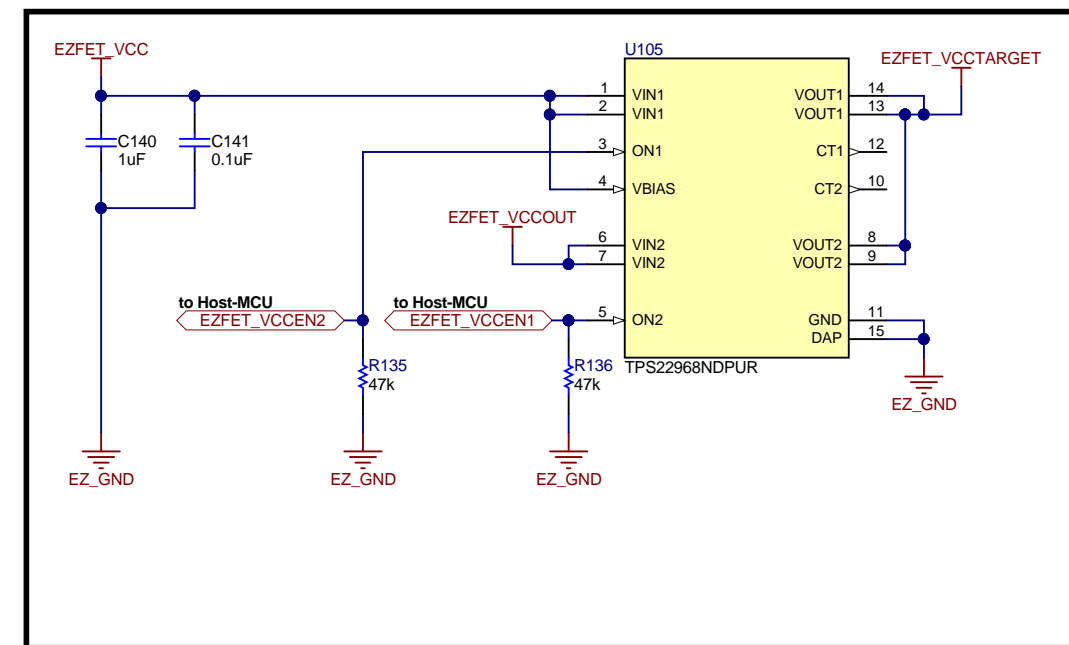
DCDC-Calibration Resistors



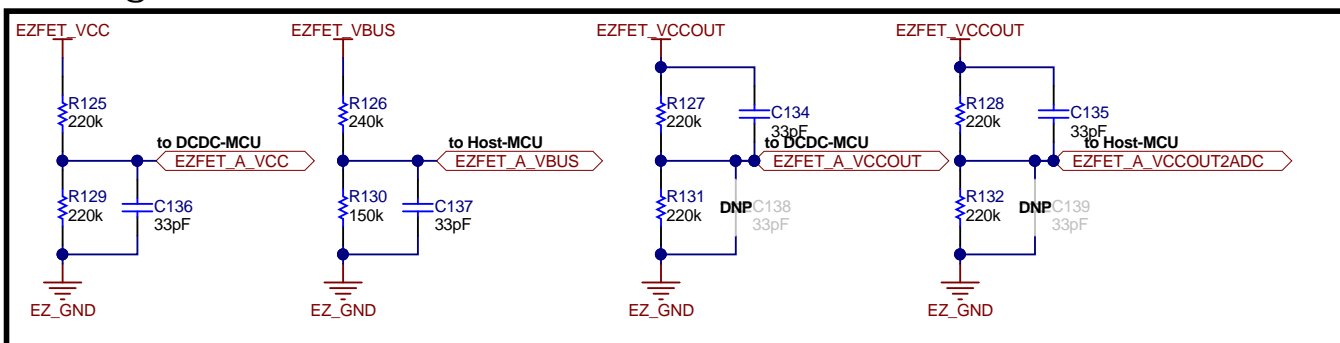
DCDC-Switch




Power Switch



Voltage Dividers



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Orderable: LP-MSP430FR2476	Designed for: Public Release	Mod. Date: 12/19/2018	 TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments 2018
TID #: N/A	Project Title: LP-MSP430FR2476		
Number: MCU045	Rev: A		
SVN Rev: Version control disabled	Sheet Title: ez-FET: DCDC, Voltage-Divider, Power-Switch		
Drawn By:	Assembly Variant: 001	Sheet: 2 of 5	
Engineer: S Kim	File: MCU045A_ezFET_DCDC.SchDoc	Size: A3	
	Contact: http://www.ti.com/support		

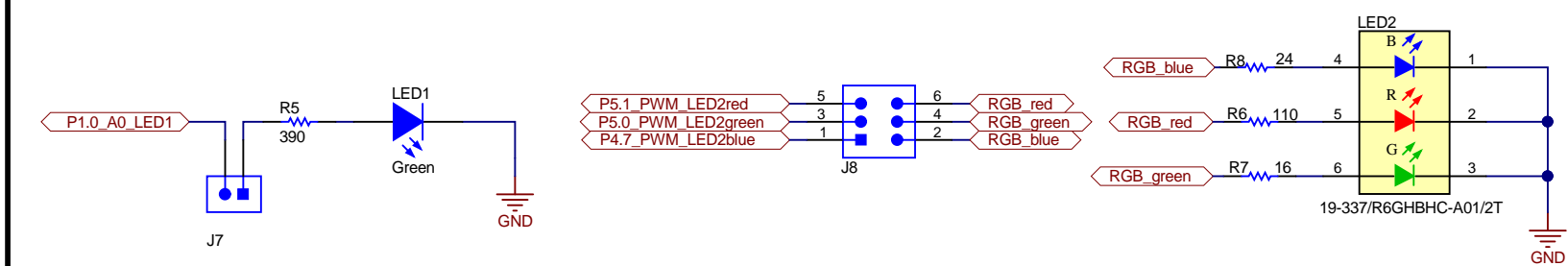
A



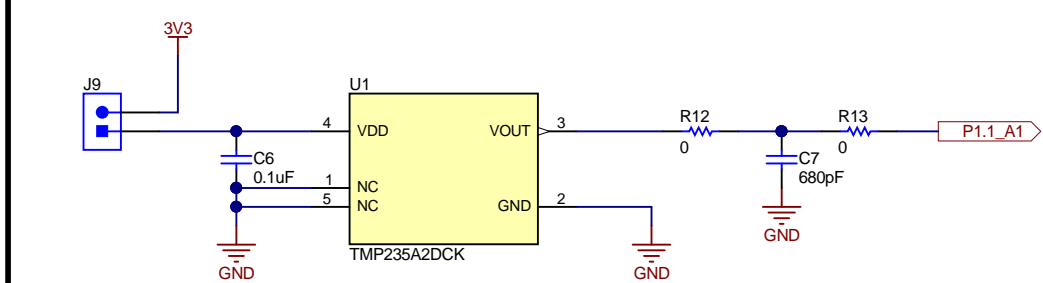
E



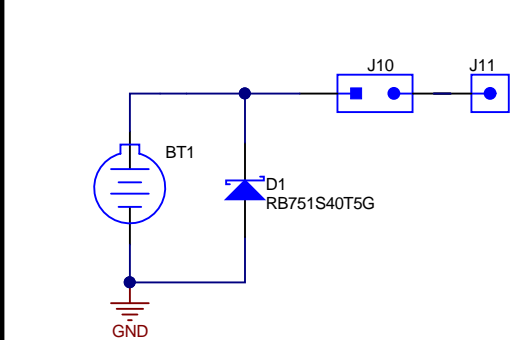
LEDs



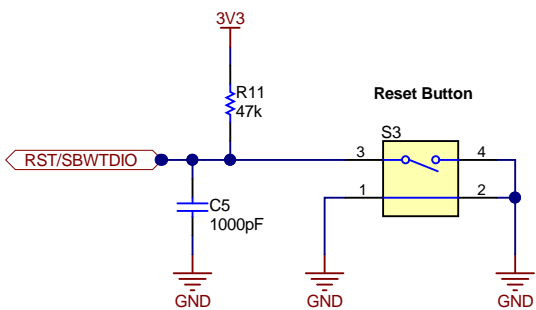
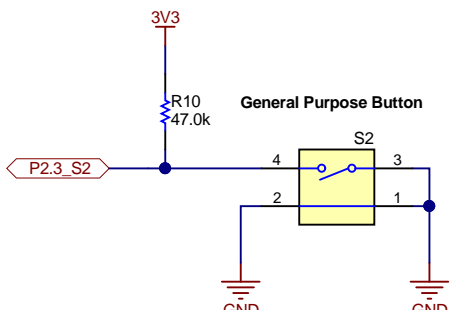
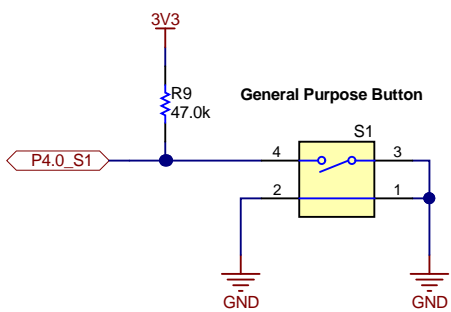
Temperature Sensor



CR2032 Holder



Pushbuttons





ESD Logo 1
PCB
LOGO

FCC Logo 1
PCB
LOGO
FCC disclaimer

WEEE Logo 1
PCB
LOGO

TI Logo 1
PCB
LOGO
Texas Instruments

PCB
LOGO
Texas Instruments



IPCB

PCB Number: MCU045
PCB Rev: A

Printed Circuit Board

USB1
MECH
AK67421-0.3

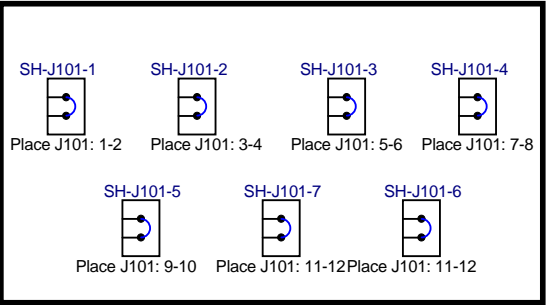
ZZ2
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

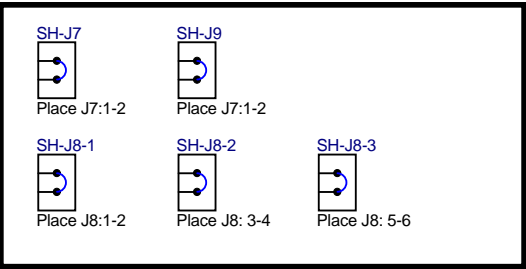
ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

ZZ5
Assembly Note
Place a click-in Standoff (MAE-10, KangYang) in hole MH1/MH2

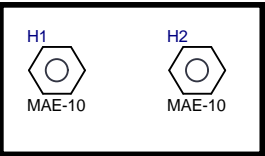
Shunts for Target-Connector



Shunts for LEDs and Sensor



Standoff



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Orderable: LP-MSP430FR2476	Designed for: Public Release	Mod. Date: 12/11/2018
TID #: N/A	Project Title: LP-MSP430FR2476	
Number: MCU045	Rev: A	Sheet Title: Labels, Mechanical Hardware, Shunts, Misc.
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 5 of 5
Drawn By:	File: MCU045A_Hardware.SchDoc	Size: A3
Engineer: S Kim	Contact: http://www.ti.com/support	http://www.ti.com
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