



PCB  
LOGO  
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FCC disclaimer

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WEEE logo

PCB Number: MD028  
PCB Rev: E1

LBL1

PCB Label

THT-14-423-10  
Size: 0.65" x 0.20 "

Label Table	
Variant	Label Text
001	DRV8428EVM
002	DRV8428EEVM
003	DRV8428PEVM

LOGO2



CAUTION HOT SURFACE

H1  
MECH  
MechPart

ZZ1

Assembly Note

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

ZZ2

Assembly Note

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

ZZ3

Assembly Note

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

ZZ4

Label Assembly Note

This Assembly Note is for PCB labels only

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.

Number: MD028  
SVN Rev: Not in version control  
Drawn By:  
Engineer: Wang Li

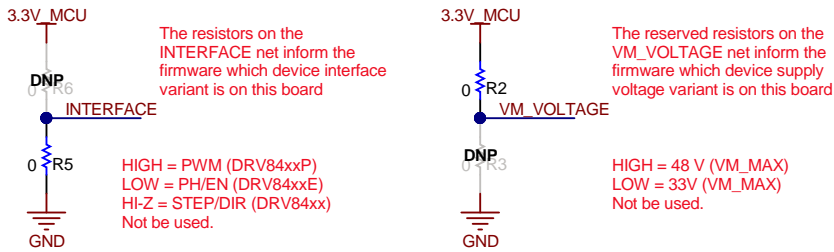
Rev: E1

Designed for: Prototype  
Project Title: DRV8428xEVM  
Sheet Title:  
Assembly Variant: 002  
File: MD028E1\_Hardware.SchDoc  
Contact: http://www.ti.com/support

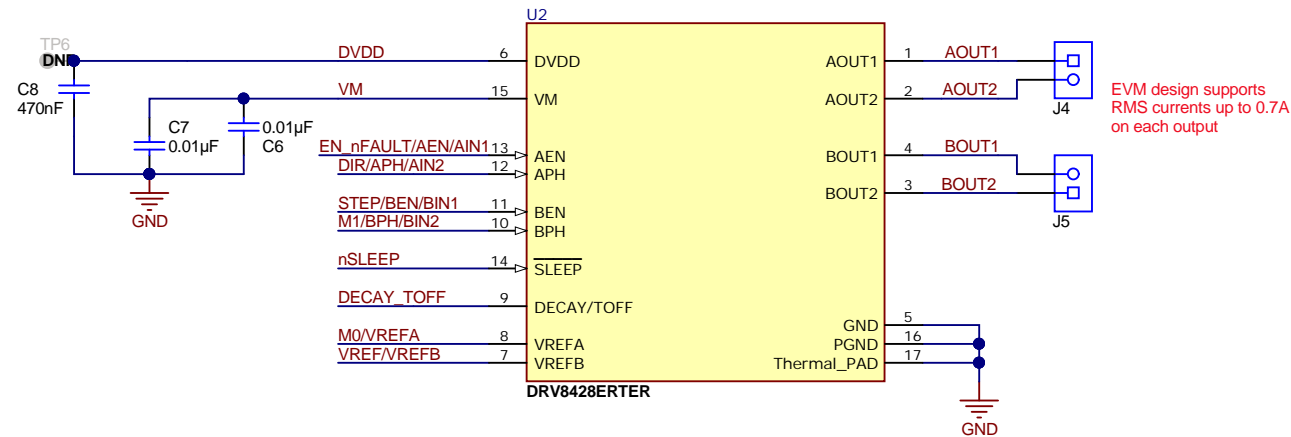
Sheet: 1 of 2  
Size: B

TEXAS  
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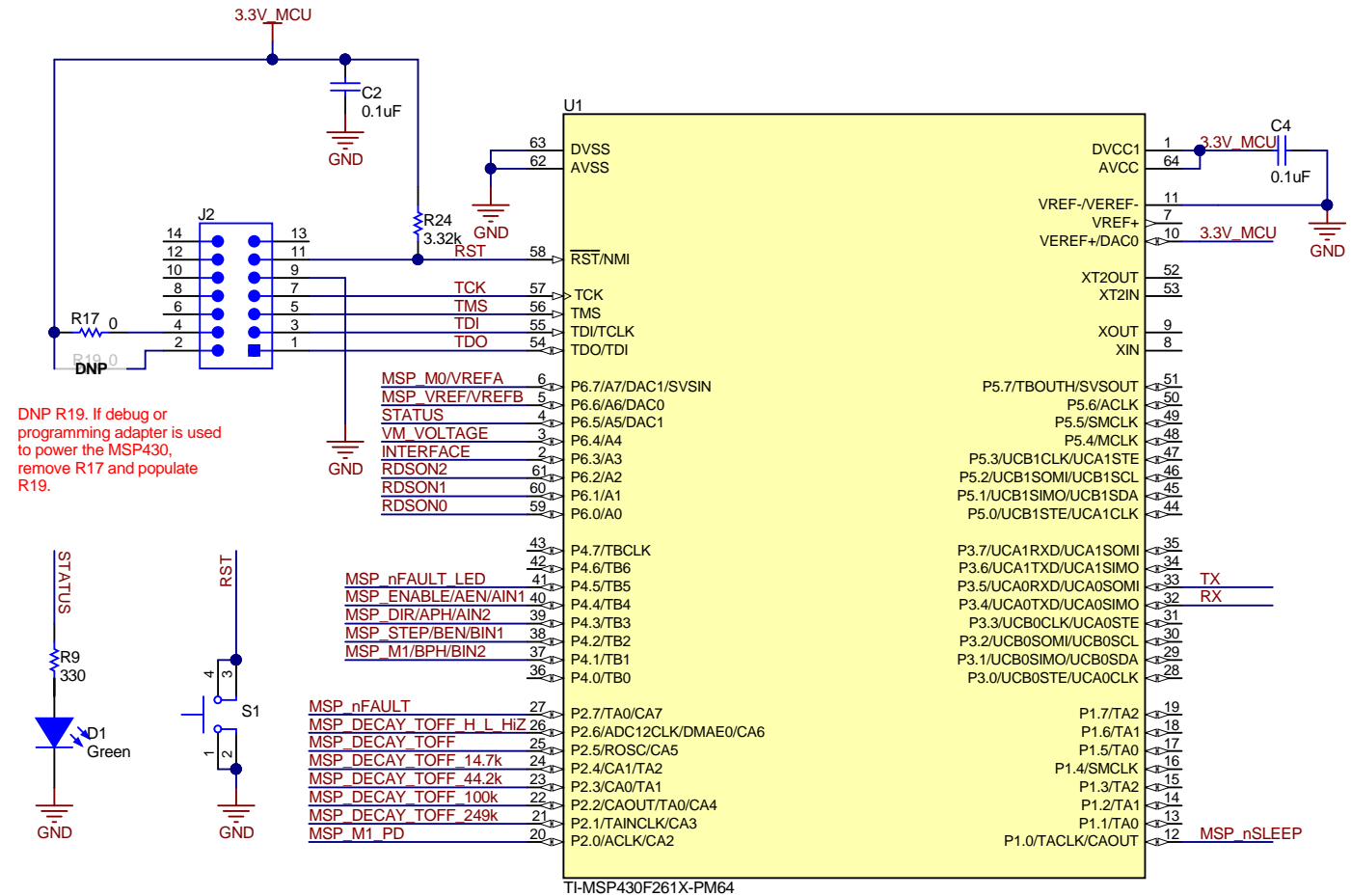
## Variant configuration



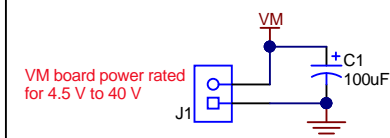
## DRV8428x



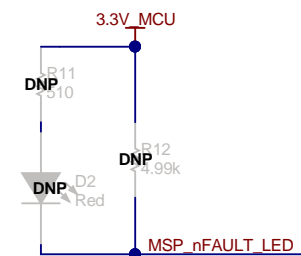
## MSP430 w JTAG Interface



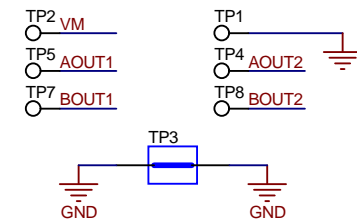
Board power



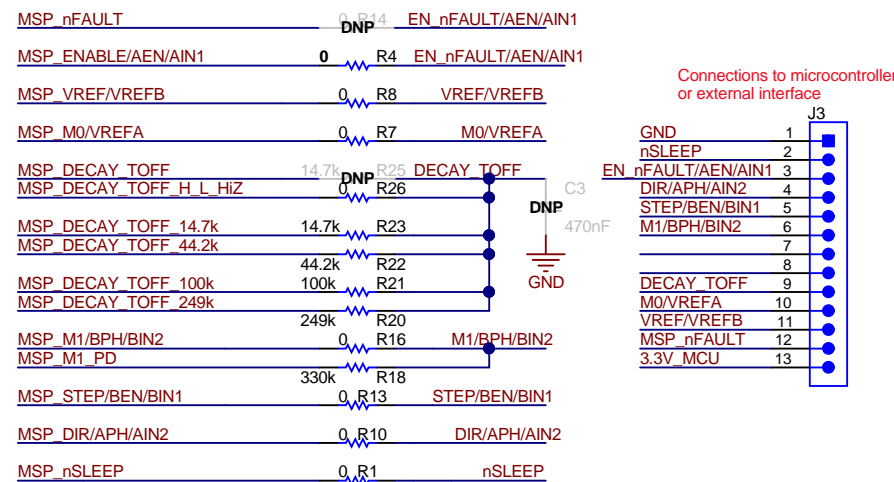
## nFAULT notification



## TEST POINTS



## Connections between MSP430 and DRV84xx



Notes:

- 1) For normal operation, populate resistors above
- 2) For external control, remove resistors and provide signals at J3
- 3) Signals can be observed at J3 during normal operation

## USB TO UART

