



PCB Number: MD027

PCB Rev: A

LBL1

PCB Label

THT-14-423-10

Size: 0.65" x 0.20 "



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

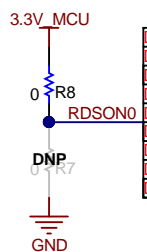
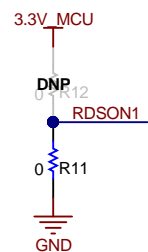
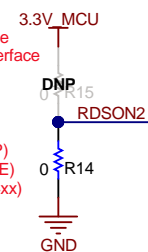
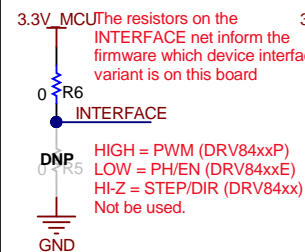
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

ZZ4

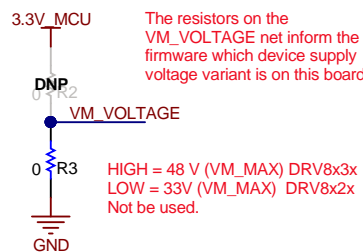
Label Assembly Note

This Assembly Note is for PCB labels only

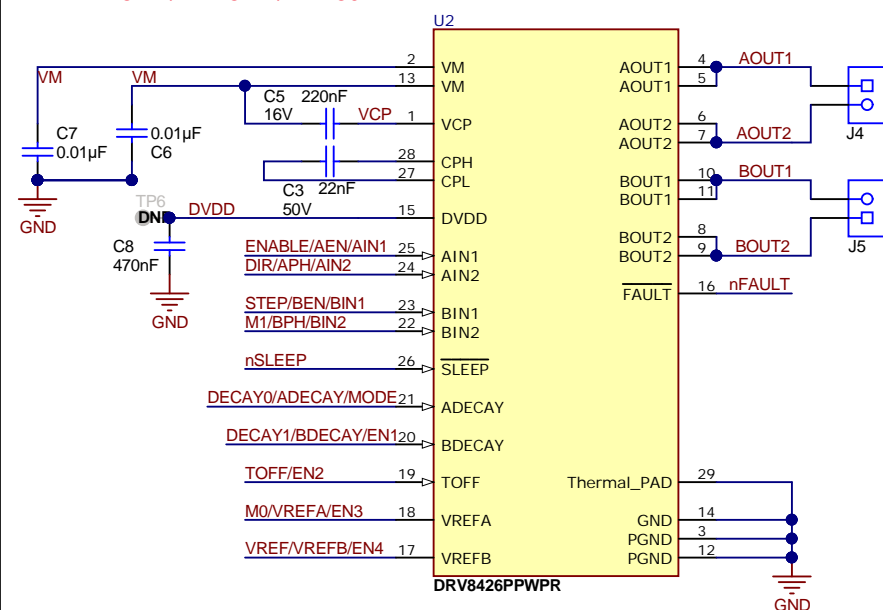
Label Table	
Variant	Label Text
001	DRV8424EVM
002	DRV8424EEVM
003	DRV8424PEVM
004	DRV8426EVM
005	DRV8426EEVM
006	DRV8426PEVM
007	DRV8434EVM
008	DRV8434EEVM
009	DRV8434PEVM
010	DRV8436EVM
011	DRV8436EEVM
012	DRV8436PEVM
013	DRV8256PEVM
014	DRV8256EEVM
015	DRV8932EVM
016	DRV8935EVM
017	DRV8955EVM



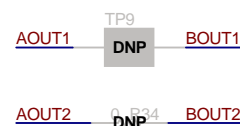
The resistors on the RDSON[2:0] nets inform the firmware which device RDSON variant is on this board				Device
Device.	RDSON0	RDSON1	RDSON2	
DRV8424	1	1	0	
DRV8426	1	0	0	
DRV8434	1	0	1	
DRV8436	1	1	1	
DRV8256	0	0	0	
DRV8932	Hi-Z	0	0	
DRV8935	Hi-Z	0	1	
DRV8955	Hi-Z	1	0	



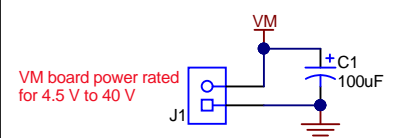
DRV84xx/DRV82xx/DRV89xx



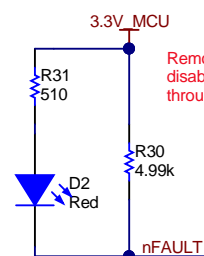
EVM design supports
RMS currents up to 2.5
A on each output
(DRV84x4)

R34 and TP9 for
DRV82xx

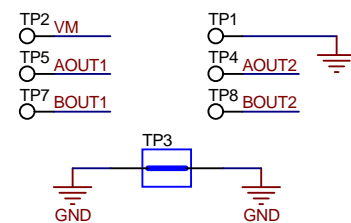
Board power



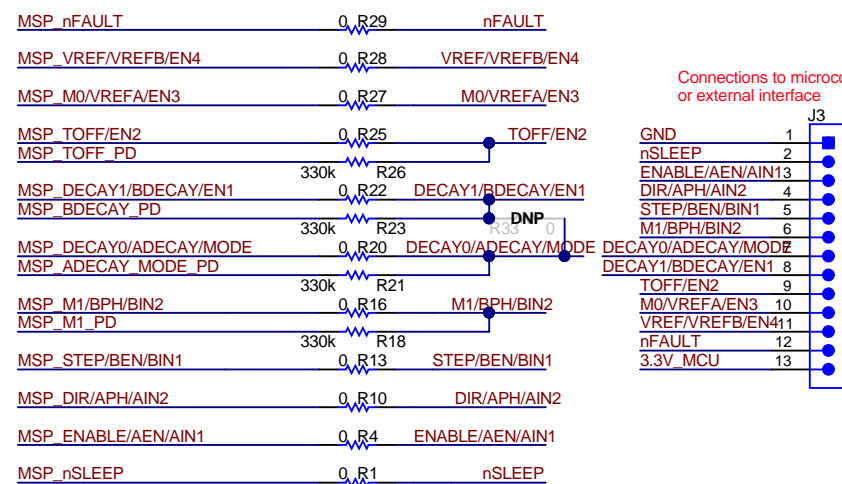
nFAULT notification



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

