





PCB Number: MD077

PCB Rev: A

PCB

LOGO

Texas Instruments



PCB

LOGO

FCC disclaimer

PCB

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WEEE logo

A

You should delete the nylon screws/standoffs and/or the bumpons as needed for your design (or substitute other parts from Hardware.IntLib). Bumpons are cheaper, but provide less clearance.

Deleting anything else from this page may result in your EVM submission being rejected (until you add them back).

Update the Label Text in the Label Table as needed for each Assembly Variant.

You should delete this note too.

LOGO5



LOGO6



LOGO7



H1



H2



H3



H4



LBL1

PCB Label

THT-14-423-10

Size: 0.65" x 0.20 "

LBL2

PCB Label

THT-38-423-10

Variant/Label Table	
Variant	Label Text
001	DRV8421AEVM
002	DRV8421BEVM

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.

Orderable: DRV8421BEVM		Designed for: Public Release	Mod. Date: 3/19/2024
TID #: N/A		Project Title: DRV8421xEVM	
Number: MD077	Rev: A	Sheet Title:	
SVN Rev:		Assembly Variant: 002	Sheet: 2 of 2
Drawn By: Murugavel Raju		File: MD077A_Hardware.SchDoc	Size: B
Engineer: David Medis		Contact: http://www.ti.com/support	