



ADDITIONAL EMI FILTERING MAY BE REQUIRED

OPTIONAL TEMPERATURE COMPENSATION
POPULATE Q3,R19,R25

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: TPS23755EVM-048	Designed for: Public Release	Mod. Date: 2/11/2019
TID #: N/A	Project Title: Low Cost PoE Inverted Buck Converter	
Number: PSIL048	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 1
Drawn By:	File: PSIL048E1_SH1.SchDoc	Size: B
Engineer: T Amlee	Contact: http://www.ti.com/support	



H9 SJ-5303 (CLEAR) H10 SJ-5303 (CLEAR) H11 SJ-5303 (CLEAR)

DNP FID1 DNP FID2 DNP FID3

PCB Number: PSIL048
PCB Rev: E1

PCB LOGO Texas Instruments PCB LOGO FCC disclaimer

Variant/Label Table	
Variant	Label Text
001	5V
002	12V

Orderable: TPS23755EVM-048	Designed for: Public Release	Mod. Date: 1/21/2019
TID #: N/A	Project Title: Low Cost PoE Inverted Buck Converter	
Number: PSIL048	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 3 of 3
Drawn By:	File: PSIL048E1_EVM_Hardware.SchDoc	Size: B
Engineer: T Amlee	Contact: http://www.ti.com/support	 http://www.ti.com

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.