J1

1 2 3 4

61300411021

Vout ◀◀   ▶▶ EN

▶▶ Vin

GND

U1

Vin ▶▶

C2
0.1µF

C3
10µF

R2
562k

R5
102k

3 VIN   BOOT 6   R1
                          0

5 EN   SW   2   C1
                                 0.1µF

                    FB 4   R3
                                 200k   R4
                    GND 1   C6   51
                            R6   30pF
                            44.2k

TPS54202DDCR

◀◀ EN

L1
22µH

C4
22µF

C5
22µF

▶▶ Vout

GND

GND

GND

PCB Number: TIDA-00947
PCB Rev: E1

Variant/Label Table	
Variant	Label Text
001	ChangeMe!
002	ChangeMe!

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.

Orderable: N/A	Designed for: Public Release	Mod. Date: 6/10/2016
TID #: TIDA-00947	Project Title: 3.3V 1A DC/DC Modules with Low EMI and High Ef	
Number: TIDA-00947 Rev: E1	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 3
Drawn By:	File: TIDA-00947_EVM_Hardware.SchDoc	Size: B
Engineer: Kong / Stauder	Contact: http://www.ti.com/support	© Texas Instruments 2016

TEXAS INSTRUMENTS

http://www.ti.com