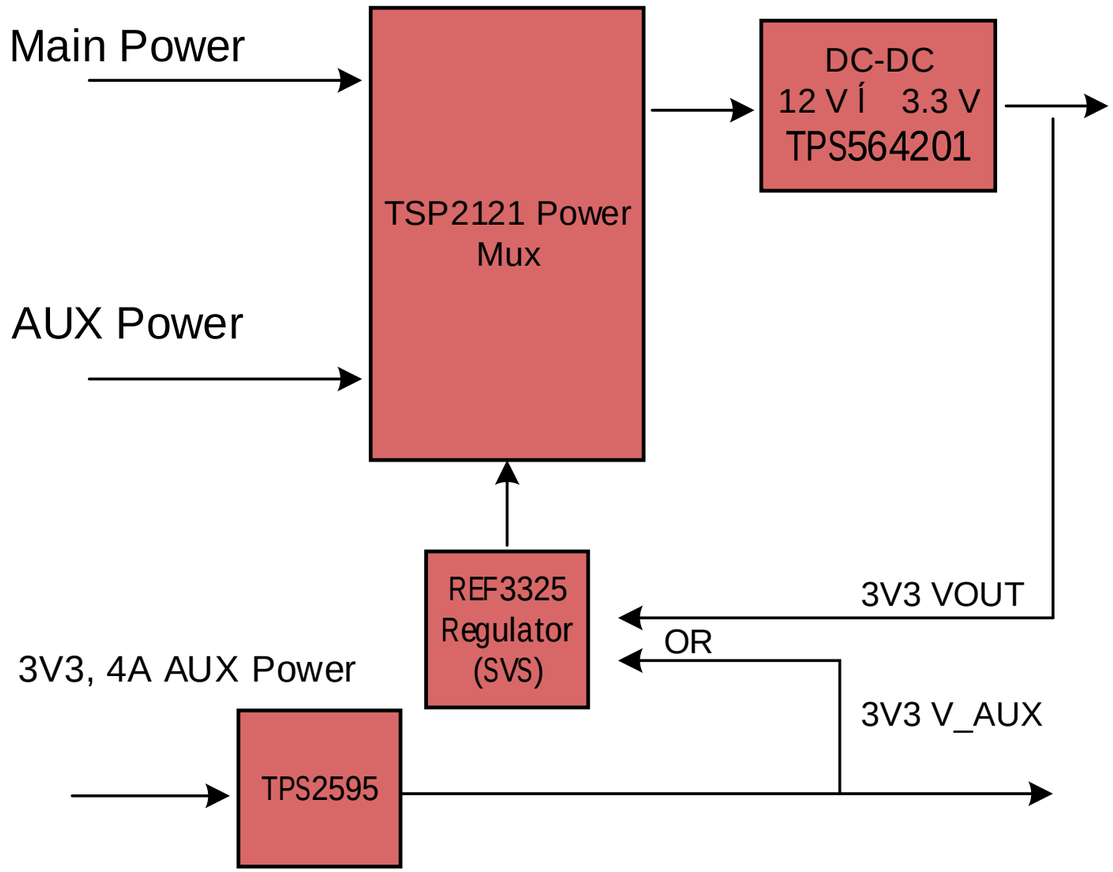
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
	N/A	N/A	N/A	N/A

N/A



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Orderable: EVM_orderable	Designed for: Public Release	Mod. Date: 10/31/2018
TID #: TIDA-01638	Project Title: Seamless Switchover for Backup Power Reference D	
Number: TIDA-01638 Rev: E1	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 3
Drawn By:	File: TPS2121 TI Design_CoverSheet.SchDoc	Size: B
Engineer: Arthur Huang	Contact: http://www.ti.com/support	

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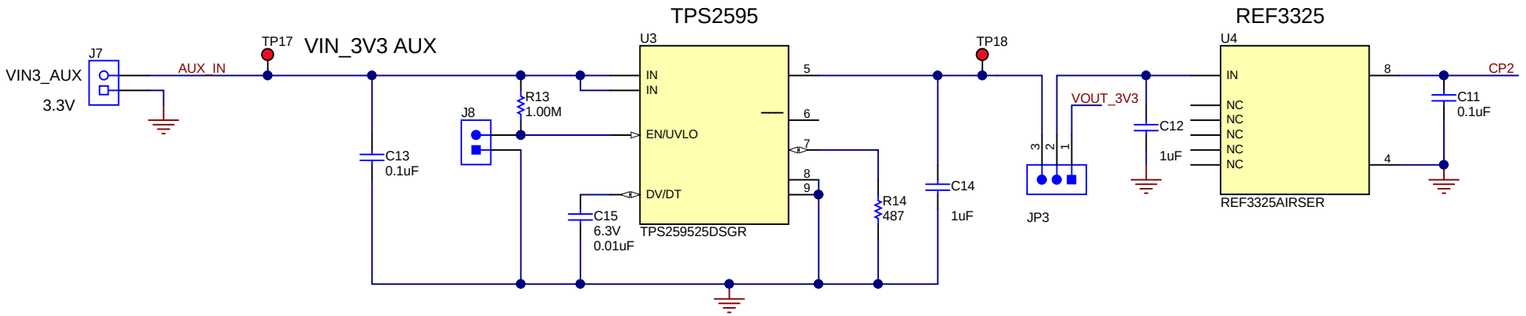

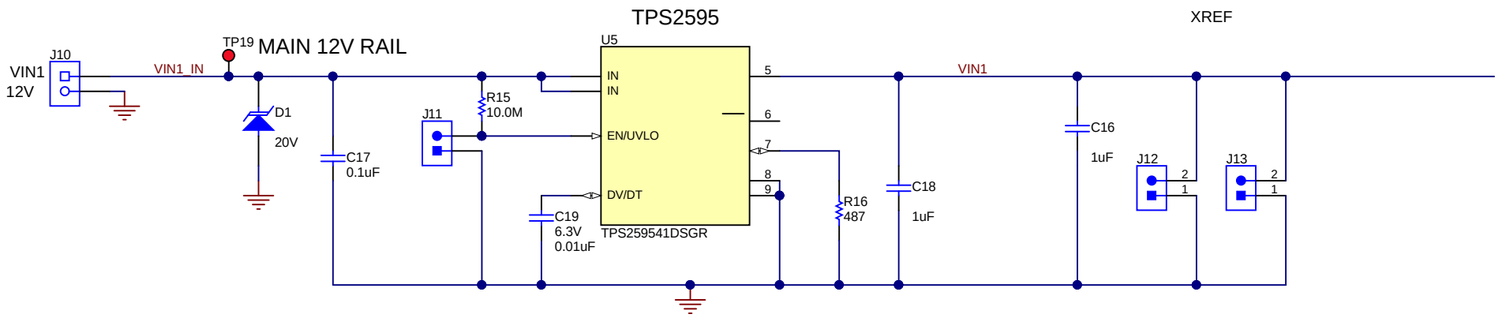

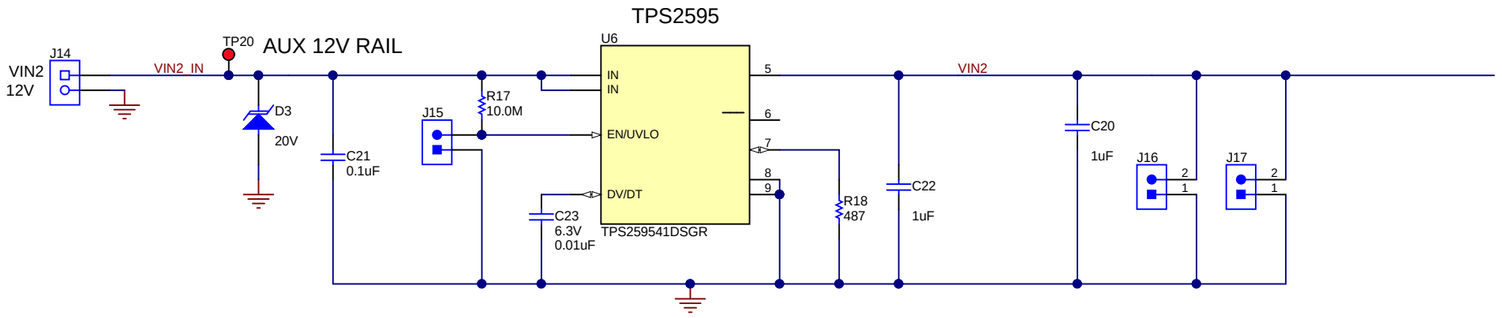

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TID #: TIDA-01638	Project Title: Seamless Switchover for Backup Power Reference D	
Number: TIDA-01638 Rev: E1	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 3
Drawn By:	File: TPS2121 TI Design_Schematic_eFuses.SchDoc	Size: B
Engineer: Arthur Huang	Contact: http://www.ti.com/support	

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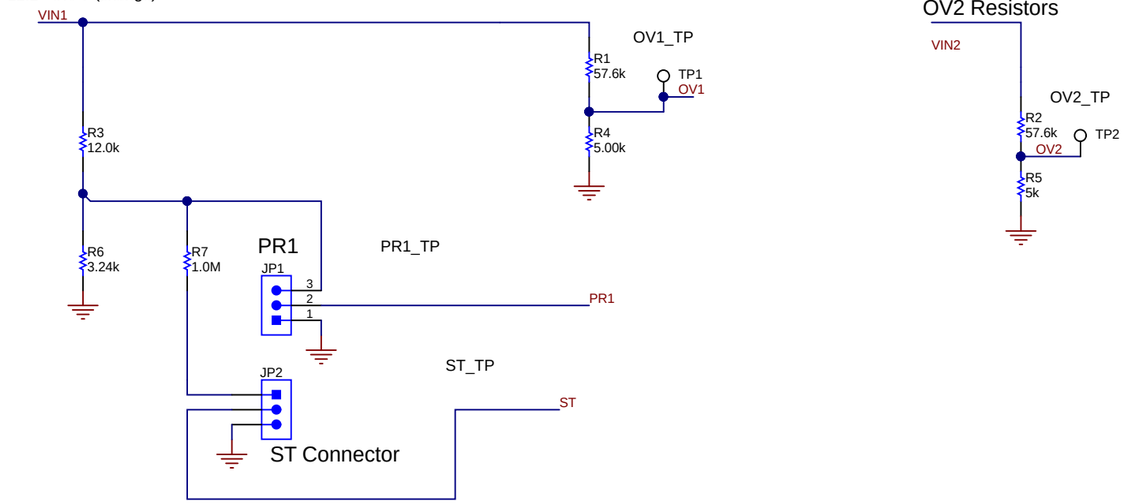
PR1 Resistors

12.2 - 3% V (change)

OV1 Resistors

OV2 Resistors



TPS2121

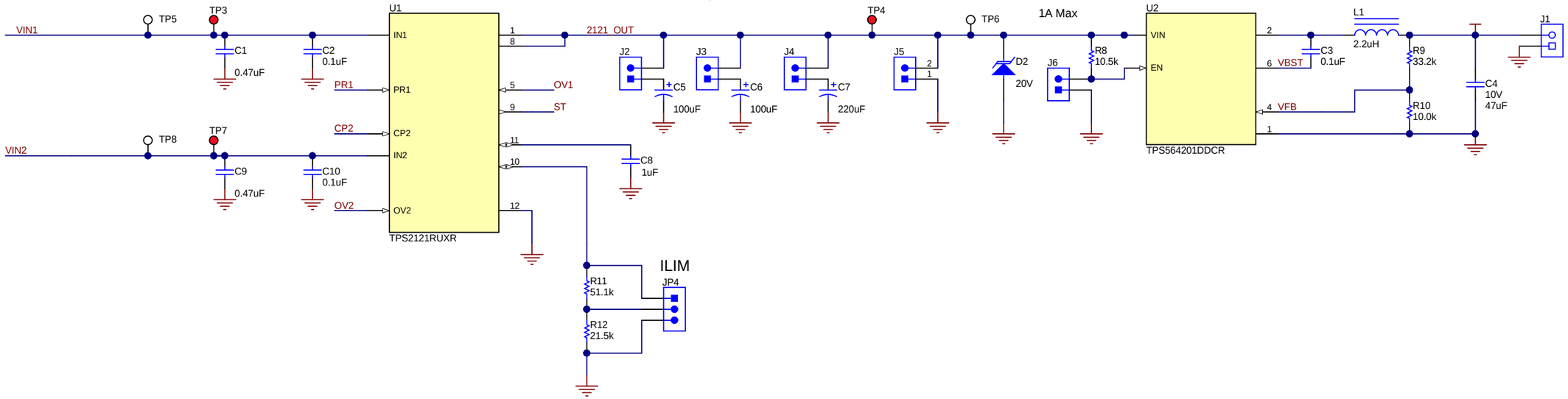
Cout Capacitors

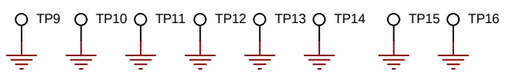
Female Header

VOUT

1A Max

DC/DC 12 V -> 3.3 V





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TID #: TIDA-01638	Project Title: Seamless Switchover for Backup Power Reference D	
Number: TIDA-01638 Rev: E1	Sheet Title: TIDA-01638	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 3
Drawn By:	File: TPS2121 TI Design_Schematic.SchDoc	Size: B
Engineer: Arthur Huang	Contact: http://www.ti.com/support	

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H1 1
NY PMS 440 0025 PH

H2 1
NY PMS 440 0025 PH

H3 1
NY PMS 440 0025 PH

H4 1
NY PMS 440 0025 PH

H5
1902C

H6
1902C

H7
1902C

H8
1902C

H9
SJ-5303 (CLEAR)

H10
SJ-5303 (CLEAR)

H11
SJ-5303 (CLEAR)

H12
SJ-5303 (CLEAR)

FID1 FID2 FID3

PCB Number: TIDA-01638
PCB Rev: E1

PCB
LOGO
FCC disclaimer

CE Mark

PCB
LOGO
WEEE logo

SH-J1 SH-J2 SH-J3 SH-J4 SH-J5 SH-J6 SH-J7

ZZ1
Label Assembly Note
This Assembly Note is for PCB labels only

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.

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TID #: TIDA-01638	Project Title: Seamless Switchover for Backup Power Reference D	
Number: TIDA-01638 Rev: E1	Sheet Title:	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 3
Drawn By:	File: TPS2121 TI Design_EVM_Hardware.SchDoc	Size: B
Engineer: Arthur Huang	Contact: http://www.ti.com/support	

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