

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

A

A

B

B

C

C

D

D

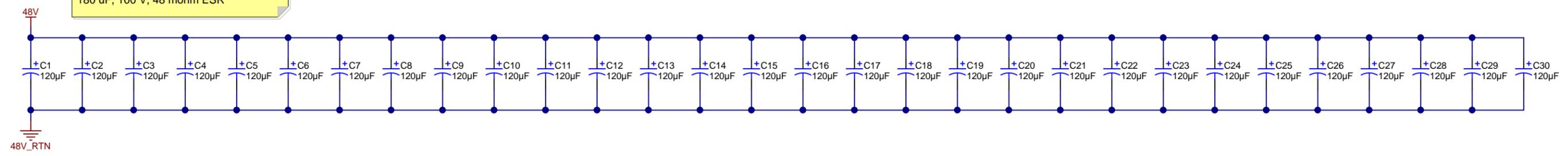
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Orderable: N/A	Designed for: Public Release	Mod. Date: 9/29/2016	
TID #: TIDA00364_CB	Project Title: 48V / 130 Arms Power Stage for Forklift		
Number: TIDA00364_CB Rev: E1	Sheet Title: Coversheet	Sheet: 1 of 3	http://www.ti.com
SVN Rev: Version control disabled	Assembly Variant: [No Variations]	Size: B	
Drawn By: Pawan N	File: TIDA00364_CB_CoverSheet.SchDoc	Contact: http://www.ti.com/support	
Engineer: Pawan N			© Texas Instruments 2015

A

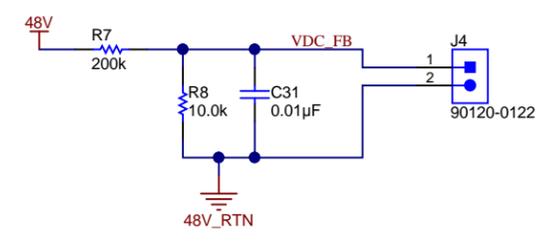
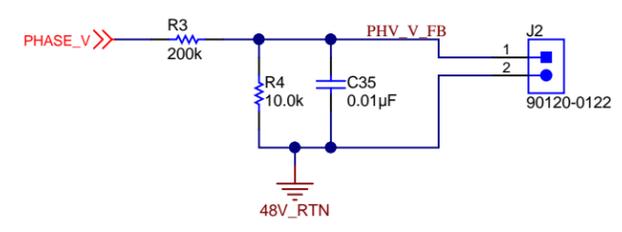
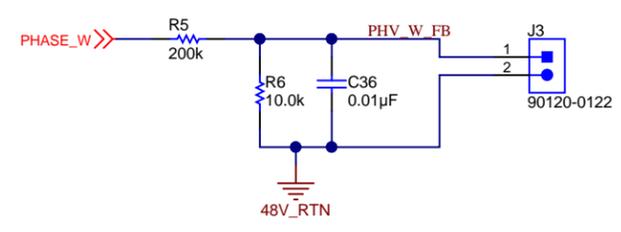
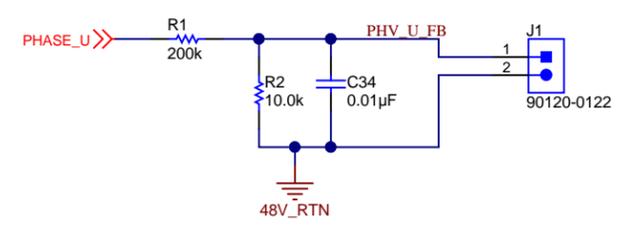
A

Capacitor used EKYB101ELL181MK20S
180 uF, 100 V, 48 mohm ESR



B

B



C

C

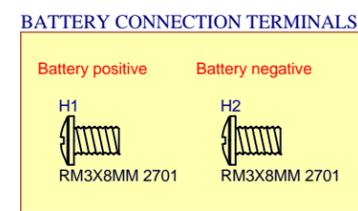
D

D

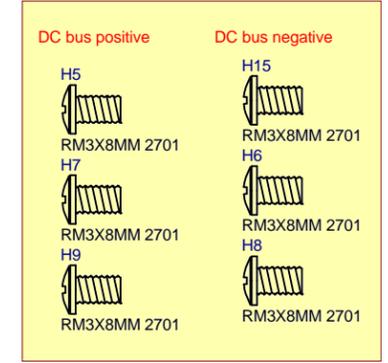
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Orderable: N/A	Designed for: Public Release	Mod. Date: 9/29/2016
TID #: TIDA00364_CB	Project Title: 48V / 130 Arms Power Stage for Forklift	
Number: TIDA00364_CB Rev: E1	Sheet Title: DC bus link capacitor bank	
SVN Rev: Version control disabled	Assembly Variant: [No Variations]	Sheet: 2 of 3
Drawn By: Pawan N	File: TIDA00364_CB_CapacitorBank.SchDoc	Size: B
Engineer: Pawan N	Contact: http://www.ti.com/support	

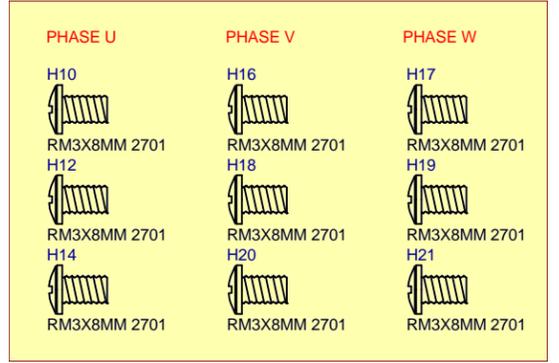




DC BUS CONNECTION TO INVERTER BOARD



PHASE CONNECTION TO INVERTER BOARD



PCB Number: TIDA00364_CB
PCB Rev: E1

PCB LOGO
Pb-Free Symbol

- 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.

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