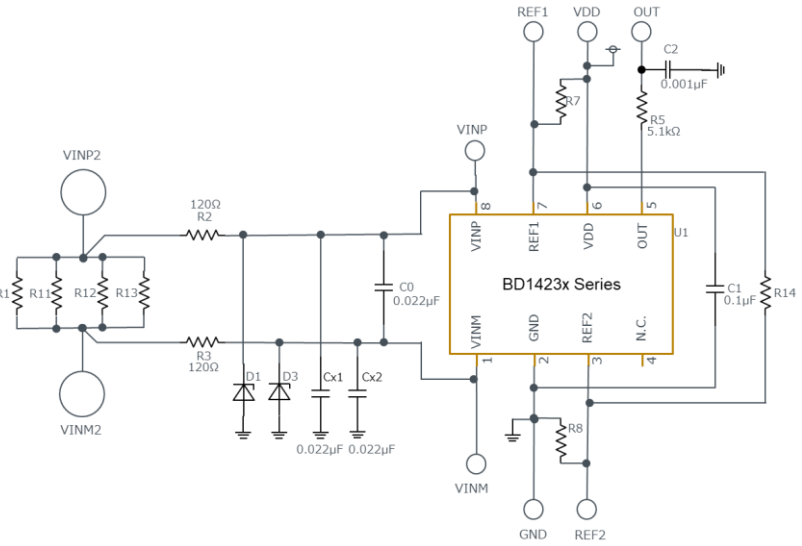
BOM of REF68015

For 48V system, 100A current sense, Bi-directional



REF68015 BOM

Item Number	Designater	Qty	Value	Part Number	Manufacturer	Description
1	C0	1	0.022µF	(any)	(any)	inpuf filter capacitor, >100V
2	C1	1	0.1µF	(any)	(any)	bypass capacitor, >6.3V
3	C2	1	0.001µF	(any)	(any)	output filter capacitor, >6.3V
4	Cx1, Cx2	2	0.022µF	(any)	(any)	inpuf filter capacitor, >100V
5	D1, D3	2	Standoff 64V	VS64VLNVWM/TF	ROHM	TVS Diode, 200W
6	R1, R13	-	-	N/M	-	Shunt Resister
7	R11, R12	2	0.5mΩ 2-pallarel	PSR100KTQFF0L50	ROHM	Shunt Resister
8	R2, R3	2	120Ω	ESR03EZPF1200	ROHM	input filter resistor, 150V
9	R5	1	5.1kΩ	MCR01SMQPF5101	ROHM	output filter resistor
10	R7	1	0Ω	MCR01SMQPJ000	ROHM	Jumper
11	R8	1	0Ω	MCR01SMQPJ000	ROHM	Jumper
12	R14	-	-	N/M		
13	U1	1	80V, 50V/V	BD14231FVJ-C	ROHM	Current Sense Amplifier

N/M=non mount

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