



Note:  
 Populate C1A for Vin > 400 V  
 Populate C1B for Vin <= 400 V  
 DNP = Do Not Populate

Title		
Floating High-Voltage Regulator		
Size	Document Number	Rev
A	TC20110427	3.2
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Bill Of Materials Page1

Item	Quantity	Reference	Part	Package	Digikey P/N
1	1	C1A	1uF/875V	Radial, leaded	495-2940-ND
2	1	C1B	10uF/450V	Radial, leaded	P13672-ND
3	1	C2	10uF	0805	587-2396-1-ND
4	1	C3	100pF	0805	311-1111-1-ND
5	2	C4,C5	100nF/630V	Radial, leaded	EF6104
6	3	C6,C7,C8	470uF/25V	Raidal, leaded	493-1552-ND
7	1	C9	100nF	0805	478-1395-1-ND
8	4	D1,D5,D6,D7	1N4007	DO-41	1N4007DICT-ND
9	2	D2,D3	BAV23S	SOT23	568-1621-1-ND
10	1	D4	15V	DO-35	1N5245BFSCCT-ND
11	1	D8	12V	DO-35	BZX85C12-ND
12	2	J1,J2	CON3		455-1640-ND
13	1	J3	CON2		455-1639-ND
14	1	Q1	STW12NK95Z	TO-247	497-5167-5-ND
15	1	Q2	BC546	TO-92	BC547BGOS-ND
16	1	R1	82k	0805	82KQBK-ND
17	1	R2	1M0	0805	1.0MQBK-ND
18	1	R3	220R	Axial, leaded	220QBK-ND
19	1	R4	2R7	Axial, leaded	2.7QBK-ND
20	1	R5	5k		3362H-502LF-ND
21	1	R6	3k3	Axial, leaded	3.3KQBK-ND
22	1	R7	8k2	Axial, leaded	8.2KQBK-ND
23	1	R8	470k/2W	Axial, leaded	470KW-2-ND
24	1	R9	390R	Axial, leaded	390QBK-ND
25	1	R10	10k	Axial, leaded	10QBK-ND
26	1	U1	LMP7701	SOT23-5	LMP7701MFCT-ND
27	1	U2	LM4030-2.5	SOT23-5	LM4030CMF-2.5CT-ND