



Jumper = open
 L2 = short circuit
 D7 = short circuit
 C5 = open



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Title Viper12 Buck nonisolated 12V @ 100mA			
Size A	Document Number Viper12 Buck.opj		Rev B
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VIPer12 Buck nonisolated 12V @ 100mA Revised: Tuesday, April 13, 2004
Viper12 Buck.opj Revision: B

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Item	Qty	Ref	Part	tolerance	part #
1	1	Cx	.022	50V	
2	2	C2,C1	4.7uF	400V	Ltec TKR2GM4R7G160
3	1	C3	1uF	50V	
4	1	C4	0.47	25V	
5	1	C6	47uF	50V	Low ESR
6	1	C7	0.1u	630V	TDK C4532X7R2J104MT
7	1	DZ	12V	zener	1N5242
8	1	DZ1	16V	zener	1n5246
9	1	D1	1N4007		
10	1	D5	STTH1L06		ST
11	2	D6,D8	1N4005		
12	1	J1	2 pin		dk 277-1236
13	1	J2	2 pin		Mouser 651-1751099
14	1	L0	470uH		JW Miller 5300-33
15	1	L1	1mH		JW Miller PL895-102K
16	1	R0	10	1/2W	
17	1	R1	1K		
18	1	U1	VIPer12A		ST