

Motor Control RDK Revised: Thursday, October 20, 2005
 PowerBD-1000 Revision: A1

SYSTEMS LAB
 M.Di Guardo
 G.Rasconà

Bill Of Materials November 4,2005 15:20:58

Item	Quantity	Reference	Part	
1	2	BA',BA	CON2	
2	2	BB',BB	CON3	
3	2	BC',BC	CON2	
4	2	BD,BD'	CON4	
5	2	BE',BE	CON2	
6	2	BF',BF	CON14	
		J1,J2,J3,J4,J5,J6,J7,J9		
7	13	,J10,J11,J12,J13	CON1	
8	1	CON2	CON2	
9	1	CON3	CON3	
10	2	C7,C1	N.M.	See Manual
11	1	C2	2.2uF	Elettrolitic 25V
12	1	C3	10uF	Elettrolitic 35V
13	1	C4	22nF	Ceramic 50V
14	1	C5	100uF	Elettrolitic 25V
15	1	C6	1uF	Ceramic 16V
16	1	C8	100nF	Ceramic 400V
17	1	C9	100nF	Ceramic 50V
18	1	C10	0.22uF	Ceramic 275V
19	2	C11,C12	22nF	Ceramic 400V
20	2	D8,D1	1N4148	
21	5	D2,D7,D9,D10,D11	STTH106 (replaced by STTH108)	
22	1	D3	BZX84C15	
23	1	D4	KBU6K	
24	1	D5	BZX85C5V1	
25	1	D6	BZX85C16	
26	1	FST1	"+VDC"	
27	1	FST2	"-VDC"	
28	1	FST3	PHASE	
29	1	FST4	Phase A	
30	1	FST5	NEUTRAL	
31	1	FST6	Phase B	
32	1	FST7	Phase C	
33	1	FST8	TACHO1	
34	1	FST9	TACHO2	
35	1	F1	8A	
36	1	IC1	VIPER12ADIP	
37	1	IC2	L78L05ACZ	

38	1	J8	CON2
39	1	J14	CON2
40	1	L1	1mH
41	6	Q1,Q2,Q3,Q4,Q5,Q6	STGF10NC60KD
42	1	Q7	BC337-25
43	4	R1,R5,R22,R23	100K-1/2W
44	1	R2	680K
45	1	R3	330K
46	1	R4	12K
47	1	R6	10 4W
48	2	R10,R7	0.047
49	1	R8	2.2K
50	1	R9	100
51	4	R11,R24,R25,R26	10K
52	3	R12,R15,R17	56K-1/2W
53	3	R13,R16,R18	120K-1/2W
54	1	R14	33K
55	3	R19,R20,R21	4.7K
56	1	R27	1K
57	2	R28,R29	1K
		TP1,TP2,TP3,TP4,TP5	
58	9	,TP6, TP7,TP8,TP9	
59	1	TR1	transil
60	1	U1	SFH615A-2
61	1	U2	RELAY12A

