

Motor Control RDK Revised: Thursday, October 20, 2005  
 PowerBD-3000 Revision: A1

SYSTEMS LAB  
 M.Di Guardo  
 G.Rasconà

Bill Of Materials November 4,2005 15:21:42

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'	CON13	
7	1	CON1	CON1	
8	2	CON2,J8	CON2	
9	4	C1,C7,C10,C11	N.M.	See Manual
10	1	C2	2.2uF	Elettrolitic 25V
11	1	C3	10uF	Elettrolitic 35V
12	1	C4	22nF	Ceramic 50V
13	1	C5	100uF	Elettrolitic 25V
14	1	C6	1uF	Ceramic 16V
15	1	C8	100nF	Ceramic 400V
16	1	C9	100nF	Ceramic 50V
17	2	C13,C12	22nF	Ceramic 400V
18	1	D1	1N4148	
<b>19</b>	<b>5</b>	<b>D2,D7,D18,D19,D20</b>	<b>STTH106 (replaced by STTH108)</b>	
20	1	D3	BZX84C15	
21	1	D5	BZX85C5V1	
22	1	D6	BZX85C16	
<b>23</b>	<b>1</b>	<b>D8</b>	<b>STTH 306 (replaced by STTH3R06)</b>	
24	1	FST1	"+ VDC"	
25	1	FST2	"- VDC"	
26	1	FST3	Brake Motor	
27	1	FST4	Phase A	
28	1	FST5	Brake Motor	
29	1	FST6	Phase B	
30	1	FST7	Phase C	
31	1	FST8	TACHO1	
32	1	FST9	TACHO2	
33	1	F1	20A	
<b>34</b>	<b>1</b>	<b>IC1</b>	<b>VIPER12ADIP</b>	
<b>35</b>	<b>1</b>	<b>IC2</b>	<b>L78L05ACZ</b>	
36	1	J2	CON3	
37	1	J14	CON2	
38	1	L1	1mH	

<b>39</b>	<b>6</b>	<b>Q1,Q2,Q3,Q4,Q5,Q6</b>	<b>STGW30NC60WD</b>	
40	1	Q7	N.M.	See Manual
41	1	Q8	BC557B	
42	1	Q9	BC547B	
43	1	R2	680K	
44	1	R3	330K	
45	1	R4	12K	
46	1	R6	2.2K	
47	1	R7	0.047	
48	1	R10	0.02R	
49	3	R11,R26,R34	47K	
50	1	R12	56K1/2W	
51	3	R13,R16,R18	120K-1/2W	
52	1	R14	33K	
53	2	R17,R15	56K-1/2W	
54	3	R19,R20,R21	4.7K	
55	4	R22,R23,R24,R25	100K-1/2W	
56	5	R27,R28,R29,R33,R35	10K	
57	3	R30,R31,R32	1K	
		TP1,TP2,TP3,TP4,TP5,		
58	9	TP6, TP7,TP8,TP9		
59	1	TR1	transil	
60	1	U1	SFH615A-2	

