

RD Number: RD100

RD Title: TB67H400ANG Evaluation circuit

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	VM	1		ST-1-3	MAC8	Check pin		
2	VCC	1		ST-1-3	MAC8	Check pin		
3	HBMODE	1		ST-1-3	MAC8	Check pin		
4	VREF	1		ST-1-3	MAC8	Check pin		
5	OSCM	1		ST-1-3	MAC8	Check pin		
6	INA1	1		ST-1-3	MAC8	Check pin		
7	INA2	1		ST-1-3	MAC8	Check pin		
8	PWMA	1		ST-1-3	MAC8	Check pin		
9	PWMB	1		ST-1-3	MAC8	Check pin		
10	INB1	1		ST-1-3	MAC8	Check pin		
11	INB2	1		ST-1-3	MAC8	Check pin		
12	TBLKAB	1		ST-1-3	MAC8	Check pin		
13	RSA	1		ST-1-3	MAC8	Check pin		
14	RSB	1		ST-1-3	MAC8	Check pin		
15	OUT_A+	1		ST-1-3	MAC8	Check pin		
16	OUT_A-	1		ST-1-3	MAC8	Check pin		
17	OUT_B+	1		ST-1-3	MAC8	Check pin		
18	OUT_B-	1		ST-1-3	MAC8	Check pin		
19	GND1	1		ST-1-3	MAC8	Check pin		
20	GND2	1		ST-1-3	MAC8	Check pin		
21	GND3	1		ST-1-3	MAC8	Check pin		
22	GND4	1		ST-1-3	MAC8	Check pin		
23	GND5	1		ST-1-3	MAC8	Check pin		
24	GND6	1		ST-1-3	MAC8	Check pin		
25	RRSA	1	0.22Ω,1W	ERJ-1TRQFR22U	panasonic	Chip resistor		
26	RRSB	1	0.22Ω,1W	ERJ-1TRQFR22U	panasonic	Chip resistor		

27	RVRF1	2		PD-10	MAC8	Socket pin		
28		0				Leaded resistor		✓
29	RVRF2	2		PD-10	MAC8	Socket pin		
30		0				Leaded resistor		✓
31	ROSCM	0		PD-10	MAC8	Socket pin		✓
32		0	5.1kΩ			Leaded resistor		✓
33		1	5.1kΩ	RK73B2BTTD512J		Resistor		
34	COSCM	0		PD-10	MAC8	Socket pin		✓
35		0	270pF,25V			Leaded capacitor		✓
36		1	270pF,25V	GRM31A7U3A271JW31D	murata	Chip capacitor		
37	CVRF1	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
38	CVRF2	0	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		✓
39	CVCC	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
40	CVM3	0	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		✓
41	CVM2	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
42	CVM1	1	100μF,50V	EKMG500ELL101MHB5D	NIPPON CHEMI-CON	Electrolytic capacitor		
43	CVDD	0	10μF,10V			Electrolytic capacitor		✓
44	JP1	1		2130S1*2GSE	Linkman	Jumper		
45		1		2180BBA	Linkman	Jumper Short		
46	JP2	1		2130S1*2GSE	Linkman	Jumper		
47		1		2180BBA	Linkman	Jumper Short		
48	SW1(HBMODE)	1		2130S1*3GSE	Linkman	Jumper		
49		1		2180BBA	Linkman	Jumper Short		
50	SW2(INA1)	1		2130S1*3GSE	Linkman	Jumper		
51		1		2180BBA	Linkman	Jumper Short		
52	SW3(INA2)	1		2130S1*3GSE	Linkman	Jumper		
53		1		2180BBA	Linkman	Jumper Short		
54	SW4(PWMA)	1		2130S1*3GSE	Linkman	Jumper		
55		1		2180BBA	Linkman	Jumper Short		
56	SW5(PWMB)	1		2130S1*3GSE	Linkman	Jumper		
57		1		2180BBA	Linkman	Jumper Short		
58	SW6(INB1)	1		2130S1*3GSE	Linkman	Jumper		
59		1		2180BBA	Linkman	Jumper Short		
60	SW7(INB2)	1		2130S1*3GSE	Linkman	Jumper		

61		1	2180BBA	Linkman	Jumper Short		
62	SW8(STANDBY)	1	2130S1*3GSE	Linkman	Jumper		
63		1	2180BBA	Linkman	Jumper Short		
64	CNAB	2	1760510000	Weidmuller	Connector		
65	IC1	1	TB67H400ANG	TOSHIBA			
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