

RD Number: RD101

RD Title: TB67H410NG 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	VDD	1		ST-1-3	MAC8	Check pin		
4	HBMODE	1		ST-1-3	MAC8	Check pin		
5	VREF	1		ST-1-3	MAC8	Check pin		
6	OSCM	1		ST-1-3	MAC8	Check pin		
7	INA1	1		ST-1-3	MAC8	Check pin		
8	INA2	1		ST-1-3	MAC8	Check pin		
9	PWMA	1		ST-1-3	MAC8	Check pin		
10	PWMB	1		ST-1-3	MAC8	Check pin		
11	INB1	1		ST-1-3	MAC8	Check pin		
12	INB2	1		ST-1-3	MAC8	Check pin		
13	TBLKAB	1		ST-1-3	MAC8	Check pin		
14	RSA	1		ST-1-3	MAC8	Check pin		
15	RSB	1		ST-1-3	MAC8	Check pin		
16	OUT_A+	1		ST-1-3	MAC8	Check pin		
17	OUT_A-	1		ST-1-3	MAC8	Check pin		
18	OUT_B+	1		ST-1-3	MAC8	Check pin		
19	OUT_B-	1		ST-1-3	MAC8	Check pin		
20	GND1	1		ST-1-3	MAC8	Check pin		
21	GND2	1		ST-1-3	MAC8	Check pin		
22	GND3	1		ST-1-3	MAC8	Check pin		
23	GND4	1		ST-1-3	MAC8	Check pin		
24	GND5	1		ST-1-3	MAC8	Check pin		
25	GND6	1		ST-1-3	MAC8	Check pin		
26	RRSA	1	0.22Ω,1W	ERJ-1TRQFR22U	panasonic	Chip resistor		

27	RRSB	1	0.22Ω,1W	ERJ-1TRQFR22U	panasonic	Chip resistor		
28	RVRF1	2		PD-10	MAC8	Socket pin		
29		0				Leaded resistor		✓
30	RVRF2	2		PD-10	MAC8	Socket pin		
31		0				Leaded resistor		✓
32	ROSCM	0		PD-10	MAC8	Socket pin		✓
33		0	5.1kΩ			Leaded resistor		✓
34		1	5.1kΩ	RK73B2BTTD512J		Resistor		
35	COSCM	0		PD-10	MAC8	Socket pin		✓
36		0	270pF,25V			Leaded capacitor		✓
37		1	270pF,25V	GRM31A7U3A271JW31D	murata	Chip capacitor		
38	CVRF1	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
39	CVRF2	0	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		✓
40	CVCC	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
41	CVM3	0	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		✓
42	CVM2	1	0.1μF,25V	GRM319R72A104KA01D	murata	Chip capacitor		
43	CVM1	1	100μF,50V	EKMG500ELL101MHB5D	NIPPON CHEMI-CON	Electrolytic capacitor		
44	CVDD	0	10μF,10V			Electrolytic capacitor		✓
45	JP1	1		2130S1*2GSE	Linkman	Jumper		
46		1		2180BAA	Linkman	Jumper Short		
47	JP2	1		2130S1*2GSE	Linkman	Jumper		
48		1		2180BAA	Linkman	Jumper Short		
49	SW1(HBMODE)	1		2130S1*3GSE	Linkman	Jumper		
50		1		2180BAA	Linkman	Jumper Short		
51	SW2(INA1)	1		2130S1*3GSE	Linkman	Jumper		
52		1		2180BAA	Linkman	Jumper Short		
53	SW3(INA2)	1		2130S1*3GSE	Linkman	Jumper		
54		1		2180BAA	Linkman	Jumper Short		
55	SW4(PWMA)	1		2130S1*3GSE	Linkman	Jumper		
56		1		2180BAA	Linkman	Jumper Short		
57	SW5(PWMB)	1		2130S1*3GSE	Linkman	Jumper		
58		1		2180BAA	Linkman	Jumper Short		
59	SW6(INB1)	1		2130S1*3GSE	Linkman	Jumper		
60		1		2180BAA	Linkman	Jumper Short		

61	SW7(INB2)	1	2130S1*3GSE	Linkman	Jumper		
62		1	2180BAA	Linkman	Jumper Short		
63	SW8(STANDBY)	1	2130S1*3GSE	Linkman	Jumper		
64		1	2180BAA	Linkman	Jumper Short		
65	CNAB	2	1760510000	Weidmuller	Connector		
66	IC1	1	TB67H410NG	TOSHIBA			
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