

RD Number: RD067

RD Title: TB67H400AFNG Evaluation circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	C_VCC	1	0.1μF 25V	—	—	Chip capacitor	3.2mm×1.6mm	
2	C_VM2	1	0.1μF 50V	—	—	Chip capacitor	3.2mm×1.6mm	
3	C_VRFA	1	0.1μF 25V	—	—	Chip capacitor	3.2mm×1.6mm	
4	C_VRFB	1	0.1μF 25V	—	—	Chip capacitor	3.2mm×1.6mm	
5	C_VM1	1	100μF 50V	—	—	Electrolytic capacitor		
6	C_VDD	1	10μF 25V	—	—	Electrolytic capacitor		
7	C_OSCM	0	Socket pin	—	—	Socket pin		✓
8	C_OSCM1	0	270pF 25V	—	—	Leaded Capactor	2.54mmピッチ	✓
9	C_OSCM2	1	270pF 25V	—	—	Chip capacitor	3.2mm×1.6mm	
10	C_OAP	0	Not mount	—	—	Chip capacitor	3.2mm×1.6mm	✓
11	C_OAM	0	Not mount	—	—	Chip capacitor	3.2mm×1.6mm	✓
12	C_OBM	0	Not mount	—	—	Chip capacitor	3.2mm×1.6mm	✓
13	C_OBP	0	Not mount	—	—	Chip capacitor	3.2mm×1.6mm	✓
14	CON1	0	Connector	—	—	Connector 4P 2.5		✓
15	CON2	1	Connector	—	—	Connector 2P 2.5		
16	CON3	1	Connector	—	—	Connector 2P 2.5		
17	CON4	0	Connector	—	—	Connector 2P 2.5		✓
18	OUT_A-	1	Check terminal	—	—	Logic Pin		
19	OUT_A+	1	Check terminal	—	—	Logic Pin		
20	OUT_B-	1	Check terminal	—	—	Logic Pin		
21	OUT_B+	1	Check terminal	—	—	Logic Pin		
22	RSA	0	Check terminal	—	—	Check pin		✓
23	RSB	0	Check terminal	—	—	Check pin		✓
24	VCC	1	Check terminal	—	—	Check pin		
25	VDD	1	Check terminal	—	—	Check pin		

26	VM	1	Check terminal	—	—	Logic Pin		
27	NC	0	Check terminal	—	—	Check pin		✓
28	NC	0	Check terminal	—	—	Check pin		✓
29	VREFA	1	Check terminal	—	—	Check pin		
30	VREFB	1	Check terminal	—	—	Logic Pin		
31	OSCM	1	Check terminal	—	—	Check pin		
32	3	1	Check terminal	—	—	Check pin		
33	4	1	Check terminal	—	—	Check pin		
34	5	1	Check terminal	—	—	Check pin		
35	7	1	Check terminal	—	—	Check pin		
36	8	1	Check terminal	—	—	Check pin		
37	9	1	Check terminal	—	—	Check pin		
38	10	1	Check terminal	—	—	Check pin		
39	GND1	1	Check terminal	—	—	Logic Pin		
40	GND2	1	Check terminal	—	—	Logic Pin		
41	GND3	1	Check terminal	—	—	Logic Pin		
42	GND4	1	Check terminal	—	—	Logic Pin		
43	GND5	1	Check terminal	—	—	Logic Pin		
44	GND6	1	Check terminal	—	—	Logic Pin		
45	GND7	1	Check terminal	—	—	Logic Pin		
46	JP_VRF1	1	Pin header 2P	—	—	Jumper	2.54mm pitch	
47		1	Jump socket	—	—	Short Jumper	2.54mm pitch	
48	JP_VRF2	1	Pin header 2P	—	—	Jumper	2.54mm pitch	
49		1	Jump socket	—	—	Short Jumper	2.54mm pitch	
50	JP_VCC	1	Pin header 2P	—	—	Jumper	2.54mm pitch	
51		1	Jump socket	—	—	Short Jumper	2.54mm pitch	
52	R_LO1	0	100kΩ 0.25W	—	—	Leaded Resistor	2.54mm pitch	✓
53	R_LO2	0	100kΩ 0.25W	—	—	Leaded Resistor	2.54mm pitch	✓
54	R_ID	0	100kΩ 0.25W	—	—	Leaded Resistor	2.54mm pitch	✓
55	R_M0_OUT	0	100kΩ 0.25W	—	—	Leaded Resistor	2.54mm pitch	✓
56	R_OSCM	0	Socket pin	—	—	Socket pin		✓
57	R_OSCM1	0	5.1kΩ	—	—	Leaded Resistor	2.54mm pitch	✓



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