

RD Number: RD109

RD Title: TB67B001FTG Evaluation circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	R1	1	0.2Ω 1W	—	—	Resistor		
2	R2	1	100kΩ 0.25W	—	—	Resistor		
3	R3	1	100kΩ 0.25W	—	—	Resistor		
4	R4	1	20kΩ 0.25W	—	—	Resistor		
5	R5	1	1kΩ 0.25W	—	—	Resistor		
6	R6	1	100kΩ 0.25W	—	—	Resistor		
7	R7	1	100kΩ 0.25W	—	—	Resistor		
8	R8	1	100kΩ 0.25W	—	—	Resistor		
9	R9	1	0Ω 0.25W	—	—	Resistor (Short)		
10	R10	1	0Ω 0.25W	—	—	Resistor (Short)		
11	R11	1	0Ω 0.25W	—	—	Resistor (Short)		
12	R12	0	Not mount	—	—	Resistor		✓
13	R13	0	Not mount	—	—	Resistor		✓
14	R14	0	Not mount	—	—	Resistor		✓
15	R15	0	Not mount	—	—	Resistor		✓
16	R16	0	Not mount	—	—	Resistor		✓
17	R17	0	Not mount	—	—	Resistor		✓
18	R18	0	Not mount	—	—	Resistor		✓
19	R19	1	0Ω 0.25W	—	—	Resistor (Short)		
20	C1	1	10μF 50V	—	—	Electrolytic capacitor		
21	C2	1	0.1μF 50V	—	—	Capacitor		
22	C3	1	0.1μF 50V	—	—	Capacitor		
23	C4	1	180pF	—	—	Capacitor		
24	C5	0	Not mount	—	—	Capacitor		✓
25	C6	1	1nF 50V	—	—	Capacitor		
26	C7	1	0.1μF 50V	—	—	Capacitor		

27	C8	1	0.1 μ F 50V	—	—	Capacitor		
28	SW1	1	Pin header 3P	—	—	Jumper		
29		1	Jump socket	—	—	Jumper Short		
30	SW2	1	Pin header 3P	—	—	Jumper		
31		1	Jump socket	—	—	Jumper Short		
32	SW3	1	Pin header 3P	—	—	Jumper		
33		1	Jump socket	—	—	Jumper Short		
34	SW4	1	Pin header 3P	—	—	Jumper		
35		1	Jump socket	—	—	Jumper Short		
36	SW5	1	Pin header 3P	—	—	Jumper		
37		1	Jump socket	—	—	Jumper Short		
38	SW6	1	Pin header 3P	—	—	Jumper		
39		1	Jump socket	—	—	Jumper Short		
40	SW7	1	Pin header 3P	—	—	Jumper		
41		1	Jump socket	—	—	Jumper Short		
42	VR1	0	100k Ω	—	—	Variable Resistor		✓
43	VR2	0	100k Ω	—	—	Variable Resistor		✓
44	VR3	0	100k Ω	—	—	Variable Resistor		✓
45	VR4	0	100k Ω	—	—	Variable Resistor		✓
46	VR5	0	100k Ω	—	—	Variable Resistor		✓
47	VR6	1	100k Ω	—	—	Variable Resistor		
48	VR7	1	100k Ω	—	—	Variable Resistor		
49	VR8	1	100k Ω	—	—	Variable Resistor		
50	VR9	1	100k Ω	—	—	Variable Resistor		
51	J1	1	Pin header 3P	—	—	Jumper		
52		1	Jump socket	—	—	Jumper Short		
53	J2	1	Pin header 2P	—	—	Short (GND)		
54	COM	1	Check terminal	—	—	Check terminal		
55	U	1	Check terminal	—	—	Check terminal		
56	V	1	Check terminal	—	—	Check terminal		
57	W	1	Check terminal	—	—	Check terminal		
58	GND	5	Check terminal	—	—	Check terminal		
59	VM	1	Check terminal	—	—	Check terminal		
60	LD_OUT	1	Check terminal	—	—	Check terminal		

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