

RD Number: RD149

RD Title: TB67B008FNG Evaluation circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	R1	1	0.2Ω 1W	—	—	Leaded resistor		
2		0	0.2Ω 1W	—	—	Chip resistor		✓
3	R2	1	100kΩ 0.25W	—	—	Leaded resistor		
4		0	100kΩ 0.25W	—	—	Chip resistor		✓
5	R3	1	20kΩ 0.25W	—	—	Leaded resistor		
6		0	20kΩ 0.25W	—	—	Chip resistor		✓
7	R4	1	1kΩ 0.25W	—	—	Leaded resistor		
8		0	1kΩ 0.25W	—	—	Chip resistor		✓
9	R5	1	100kΩ 0.25W	—	—	Leaded resistor		
10		0	100kΩ 0.25W	—	—	Chip resistor		✓
11	R6	1	100kΩ 0.25W	—	—	Leaded resistor		
12		0	100kΩ 0.25W	—	—	Chip resistor		✓
13	R7	1	100kΩ 0.25W	—	—	Leaded resistor		
14		0	100kΩ 0.25W	—	—	Chip resistor		✓
15	R8	1	0Ω	—	—	Leaded resistor		
16		0	0Ω	—	—	Chip resistor		✓
17	R9	1	0Ω	—	—	Leaded resistor		
18		0	0Ω	—	—	Chip resistor		✓
19	R10	0	Not mount	—	—	Leaded resistor		✓
20		0	Not mount	—	—	Chip resistor		✓
21	R11	1	0Ω	—	—	Leaded resistor		
22		0	0Ω	—	—	Chip resistor		✓
23	R12	0	Not mount	—	—	Leaded resistor		✓
24		0	Not mount	—	—	Chip resistor		✓
25	R13	0	Not mount	—	—	Leaded resistor		✓
26		0	Not mount	—	—	Chip resistor		✓

27	R14	0	Not mount	–	–	Leaded resistor		✓
28		0	Not mount	–	–	Chip resistor		✓
29	R15	0	Not mount	–	–	Leaded resistor		✓
30		0	Not mount	–	–	Chip resistor		✓
31	R16	0	Not mount	–	–	Leaded resistor		✓
32		0	Not mount	–	–	Chip resistor		✓
33	R17	0	Not mount	–	–	Leaded resistor		✓
34		0	Not mount	–	–	Chip resistor		✓
35	C1	1	10 $\mu$ F 50V	–	–	Electrolytic capacitor		
36		0	10 $\mu$ F 50V	–	–	Chip capacitor		✓
37	C2	1	0.1 $\mu$ F 50V	–	–	Capacitor		
38		0	0.1 $\mu$ F 50V	–	–	Chip capacitor		✓
39	C3	1	0.1 $\mu$ F 50V	–	–	Capacitor		
40		0	0.1 $\mu$ F 50V	–	–	Chip capacitor		✓
41	C4	1	180pF 50V	–	–	Capacitor		
42		0	180pF 50V	–	–	Chip capacitor		✓
43	C5	1	1nF 50V	–	–	Capacitor		
44		0	1nF 50V	–	–	Chip capacitor		✓
45	C6	1	0.1 $\mu$ F 50V	–	–	Capacitor		
46		0	0.1 $\mu$ F 50V	–	–	Chip capacitor		✓
47	C7	1	0.1 $\mu$ F 50V	–	–	Capacitor		
48		0	0.1 $\mu$ F 50V	–	–	Chip capacitor		✓
49	SW1	1	Pin header 3P	–	–	Jumper		
50		1	Jumper socket	–	–	Short pin		
51	SW2	1	Pin header 3P	–	–	Jumper		
52		1	Jumper socket	–	–	Short pin		
53	VR1	0	100k $\Omega$ 0.5W	–	–	Variable Resistor		✓
54	VR2	0	100k $\Omega$ 0.5W	–	–	Variable Resistor		✓
55	VR3	0	100k $\Omega$ 0.5W	–	–	Variable Resistor		✓
56	VR4	0	100k $\Omega$ 0.5W	–	–	Variable Resistor		✓
57	VR5	1	100k $\Omega$ 0.5W	–	–	Variable Resistor		
58	VR6	1	100k $\Omega$ 0.5W	–	–	Variable Resistor		
59	VR7	1	100k $\Omega$ 0.5W	–	–	Variable Resistor		
60	J1	1	GND	–	–	Short		



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