

RD Number: RD051

RD Title: TB67S249FTG Evaluation circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	IC1	1	TB67S249FTG	TB67S249FTG	TOSHIBA	Motor driver IC	QFN48	
2	RCLM11	1	100k $\Omega$	—	—	Chip resistor		
3	RCLM12	1	100k $\Omega$	—	—	Chip resistor		
4	RFLM1	1	100k $\Omega$	—	—	Chip resistor		
5	RFLM2	1	100k $\Omega$	—	—	Chip resistor		
6	RBOOST1	1	100k $\Omega$	—	—	Chip resistor		
7	RBOOST2	1	100k $\Omega$	—	—	Chip resistor		
8	RLTH	1	100k $\Omega$	—	—	Chip resistor		
9	C13	0	Not mount	—	—	Capacitor		✓
10	C17	0	Not mount	—	—	Capacitor		✓
11	C19	0	Not mount	—	—	Capacitor		✓
12	C23	0	Not mount	—	—	Capacitor		✓
13	CVM1	1	100 $\mu$ F 50V	—	—	Electrolytic capacitor		
14	CVM2	1	0.1 $\mu$ F 50V	—	—	Chip capacitor		
15	RVF1	1	20k $\Omega$	—	—	Leaded resistor		
16	RVF2	1	10k $\Omega$	—	—	Leaded resistor		
17	RVF3	1	10k $\Omega$	—	—	Leaded resistor		
18	TVF	1	RN1401	RN1401	TOSHIBA	Bias resistor built-in transistor	SOT-346 (S-Mini)	
19	CVFA	1	0.1 $\mu$ F 50V	—	—	Chip capacitor		
20	CVFB	1	0.1 $\mu$ F 50V	—	—	Chip capacitor		
21	CVCC	1	0.1 $\mu$ F 50V	—	—	Chip capacitor		
22	ROSCM	1	5.1k $\Omega$	—	—	Chip resistor		
23	COSCM	1	270pF 50V	—	—	Chip capacitor		
24	RMO	1	10k $\Omega$	—	—	Chip resistor		
25	RLO1	1	10k $\Omega$	—	—	Chip resistor		



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