2020-05-07 Rev.2.0

TOSHIBA

RD Number: RD090

RD Title: TC78B002FTG Evaluation circuit BOM

Item No.	Designator	Quantity	Value	Part Number	Manufacturer	Description	Package	Not Mount
1	IC1	1	TC78B002FTG	TC78B002FTG	TOSHIBA	Motor Driver IC	QFN16	
2	C1	1	10μF 25V	_	_	Chip capacitor	2.0mm×1.25mm	
3	C2	1	0.1μF 50V	_	_	Chip capacitor	1.6mm×0.8mm	
4	C3	0	Not mount	_	_	Chip capacitor	1.6mm×0.8mm	✓
5	R1	1	51kΩ	_	_	Chip resistor	1.6mm×0.8mm	
6	R2	1	51kΩ	_	_	Chip resistor	1.6mm×0.8mm	
7	RS	1	0.47Ω	_	_	Chip resistor		
8	ROSC	1	24kΩ	_	_	Chip resistor	1.6mm×0.8mm	
9	VR1	1	100kΩ	_	_	Variable resistor		
10	VR2	1	100kΩ	_	_	Variable resistor		
11	VR3	1	100kΩ	_	_	Variable resistor		
12	VR4	1	100kΩ	_	_	Variable resistor		
13	VR5	1	100kΩ	_	_	Variable resistor		
14	D1	1	0Ω (short)	_	_	Chip resistor		
15	CON1	1	Connector	_	_	Connector 2p		
16	CON2	1	Connector	_	_	Connector 4p		
17	CON3	1	Connector	_	_	Connector 2p		
18	CON4	1	Connector	_	_	Connector 4p		

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