

Component list

Bill of Materials for Project [F-T-V Converter.PrjPcb] (No PCB Document Selection)

Source Data From:

F-T-V Converter.PrjPcb

Project:

F-T-V Converter.PrjPcb

Variant:

None

Report Date:

3/12/2021

11:21 PM

Print Date:

12-Mar-21

11:21:28 PM

#	Designator	LibRef	Manufacturer 1	Description	Footprint
1	C1	Cap		Capacitor: ceramic; MLCC, monolithic; 10nF; 100V; X7R; ±10%; THT	RAD-0.1
2	C2, C3, C5	Cap		Cap Ceramic 0.022uF 50V Z5U 20% Radial 5.08mm 85C T/R	RAD-0.1
3	C4	Cap Pol1		Cap Aluminum 47uF 16V 20% Radial Aluminum Cylindrical Can 2mm 155mA 5000 hr 105°C Ammo Pack	RB7.6-15
4	D1	Diode 1N4148		High Conductance Fast Diode	DO-35
5	P1	MHDR1X2		Header, 2-Pin	HDR1X2
6	P2	MHDR1X2		Header, 2-Pin	HDR1X2
7	P3	MHDR1X2		Header, 2-Pin	HDR1X2
8	Q1	NPN		Trans GP BJT NPN 45V 0.8A 3-Pin TO-92 Bulk	TO-226-AA
9	R1, R4, R6	Res2		RES 47K OHM 1/4W 5% AXIAL	AXIAL-0.4
10	R2	Res2		General Type Carbon Film Resistor 15kOhm 1/4W 5% Axial Bulk	AXIAL-0.4
11	R3	Res2		RES 4.7K OHM 1/4W 5% AXIAL	AXIAL-0.4
12	R5	Res2		TE Connectivity CFR16 Series Axial Carbon Film Resistor 1k 5% 0.25W -1200 0ppm/C	AXIAL-0.4
13	U1	NE555P		Standard Timer Single 8-Pin PDIP Tube	DIP-8

Approved

Notes

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Library Name	Comment	Quantity
Miscellaneous Devices.IntLib	0.01uF	1
Miscellaneous Devices.IntLib	0.022uF	3
Miscellaneous Devices.IntLib	47uF	1
Miscellaneous Devices.IntLib	1N4148	1
Miscellaneous Connectors.IntLib	Audio	1
Miscellaneous Connectors.IntLib	Power	1
Miscellaneous Connectors.IntLib	Out	1
Miscellaneous Devices.IntLib	BC337	1
Miscellaneous Devices.IntLib	47K	3
Miscellaneous Devices.IntLib	15K	1
Miscellaneous Devices.IntLib	4K7	1
Miscellaneous Devices.IntLib	1K	1
IC_Timers.SchLib	NE555P	1
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