



Bill of Materials for the LM2595ATPBCKGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free	Comments
R1	1	Resistor	1.0 k	1%	Axial	Panasonic - ECG	ERO-S2PHF1001	Yes	Yes	OK
R2	1	Resistor	3.0 k	1%	Axial	Panasonic - ECG	ERO-S2PHF3001	Yes	Yes	OK
C1	1	Electrolytic Capacitor	100 uF / 50 V	20%	Radial	Nichicon	UPW1H101MPD	Yes	Yes	OK
C2	1	Electrolytic Capacitor	220 uF / 25 V	20%	Radial	Nichicon	UVY1E221MED	Yes	Yes	OK
C3	1	Capacitor	4.7 nF	10%	Radial	Vishay	K472K15X7RH5TH5	Yes	Yes	OK
L2	1	Inductors	68 uH	20%	RFB0810	Coilcraft	RFB0810-680L	No	Yes	OK
D4	1	Schottky Rectifier , 1.0 A, 40 V	1N5819	-	Axial	ON semiconductors	1N5819RLG	No	Yes	OK
IC1	1	Controller	LM2595	-	TQ220	ON semiconductors	LM2595TADJG	No	Yes	OK