



Bill of Materials for the LM2594APDBCKGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R1	1	Resistor	1.0 k	1%	Axial	Panasonic - ECG	ERO-S2PHF1001	Yes	Yes
R2	1	Resistor	3.0 k	1%	Axial	Panasonic - ECG	ERO-S2PHF3002	Yes	Yes
C1	1	Electrolytic Capacitor	100 uF / 50 V	10%	Axial	Nichicon	UPM1C221MPD	Yes	Yes
C2	1	Electrolytic Capacitor	220 uF / 16 V	10%	Axial	Nichicon	UPM1H101MPD6	Yes	Yes
C3	1	Capacitor	1.5 nF	10%	Radial	Kemet	C317C152K1R5TA	Yes	Yes
L1	1	Inductor	100 uH	20%	RFB0810	Coilcraft	RFB0810-101	No	Yes
D1	1	Schottky Rectifier, 1.0 A, 40 V	1N5819	-	Axial	ON Semiconductors	1N5819RLG	No	Yes
IC1	1	Controller	LM2594	-	PDIP8	ON Semiconductors	LM2594PADJG	No	Yes
+Vin, +Vout, GND, GND	4	Test Pins	-	-	1.3 mm	Various	Various	Yes	Yes