



Bill of Materials for the LM2594ASCBCKGEVB

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R1	1	Resistor	1.0 k	1%	805	Rohm	MCR10EZHF1001	Yes	Yes
R3	1	Resistor	3.0 k	1%	0805	Rohm	MCR10EZHF3001	Yes	Yes
C1	1	Electrolytic Capacitor	220 uF / 10 V	10%	7343-43	AVX	TPSE227K010R0125	Yes	Yes
C2	1	Electrolytic Capacitor	22 uF / 35 V	10%	7343-31	AVX	TPSD226K035R0125	Yes	Yes
C6	1	Capacitor	1.5 nF	10%	0805	Kemet	C0805C152K5RACTU	Yes	Yes
L2	1	Inductor	100 uH	20%	KO3340P	Coilcraft	DO3340P-104ML	No	Yes
D1	1	Schottky Rectifier, 1.0 A, 40 V	MBRS140	-	SMB	ON Semiconductors	MBRS140T3G	No	Yes
IC1	1	Controller	LM2594	-	SOIC8	ON Semiconductors	LM2594DADJR2G	No	Yes
+VIN, GND, +VOUT	4	Test Pins	-	-	-	Mill-Max	Mill-Max ED1067-ND	Yes	Yes