



Bill of Materials for the LM2596ADPBCKGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R3	1	Resistor	1k	1%	805	Rohm	MCR10EZHF1001	Yes	Yes
R4	1	Resistor	3k	1%	805	Rohm	MCR10EZHF3001	Yes	Yes
C1	1	Electrolytic Capacitor	100 uF / 50V	10%	E	AVX	TPSE477K010R0200	No	Yes
C2	1	Electrolytic Capacitor	220 uF / 16V	10%	7343-31 (EIA)	AVX	TPSE476K035R0250	No	Yes
C3	1	Capacitor	1.5nF	10%	805	Kemet	C0805C152K5RACTU	Yes	Yes
L1	1	Inductors	68 uH	20%	DO3340P	Coilcraft	DO3340P-683ML	No	Yes
D1	1	Schottky Rectifier , 1.0 A, 40 V	MBRS140	-	SMB	ON Semiconductor	MBRS140T3G	No	Yes
IC1	1	Controller	LM2595	-	D2PAK	ON Semiconductor	LM2595DSADJG	No	Yes
Pin	5	Pin 1.3mm	-	-	1.3mm	Various	Various	Yes	Yes