



Bill of Materials for the LM2595ADPBCKGEVB

LM2595 SMD

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free	Comments
R1	20	Resistor	1.0 k	1%	805	Rohm	MCR10EZHF1001	Yes	Yes	
R2	20	Resistor	3.0 k	1%	805	Rohm	MCR10EZHF3001	Yes	Yes	
C1	20	Electrolytic Capacitor	100 uF / 50 V	10%	E	AVX	TPSE477K010R0200	No	Yes	
C2	20	Electrolytic Capacitor	220 uF / 16 V	10%	7343-31 (EIA)	AVX	TPSE476K035R0250	No	Yes	
C3	20	Capacitor	1.5 nF	10%	805	Kemet	C0805C152K5RACTU	Yes	Yes	
L1	20	Inductors	68 uH	20%	DO3340P	Coilcraft	DO3340P-683ML	No	Yes	
D1	20	Schottky Rectifier , 1.0 A, 40 V	MBRS140	-	SMB	ON semiconductors	MBRS140T3G	No	Yes	
IC1	20	Controller	LM2595	-	D2PAK	ON semiconductors	LM2595DSADJG	No	Yes	