



Bill of Materials for the LA5744TPGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	Step Down Switching Controller	-	-	TP5HFA	ON Semiconductor	LA5744TP	No	Yes
L1	1	Inductor	22uH / 2.95A	30%	-	SUMIDA	CDRH105RNP-220N	Yes	Yes
R1	1	Setting Vout Voltage resistor	2kohm	1%	1608	KOA	RK73H1JTTD202	Yes	Yes
R2	1	Setting Vout Voltage resistor	6.2kohm	1%	1608	KOA	RK73H1JTTD622	Yes	Yes
C1	1	Capacitor for Vin stability	470uF / 50V	20%	pin type	SUNCON	50ME470WX	Yes	Yes
C2	1	Capacitor for Vout stability	470uF / 10V	20%	pin type	SUNCON	10ME470WX	Yes	Yes
C3	1	Capacitor for SS stability	1uF / 6.3V	10%	1608	Murata Manufacturing	GRM188B10J105KA01D	Yes	Yes
D1	1	Rectifier diode	-	-	-	ON Semiconductor	MBRA340T3G	Yes	Yes