



Bill of Materials for the LV58063MCGEV B Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Ceramic Capacitor	0.01uF	10%	1608	MURATA	GRM188B11H103KA01	YES	YES
C2	1	Ceramic Capacitor	10uF	10%	3225	MURATA	GRM32ER7YA106KA12	YES	YES
C3	1	Ceramic Capacitor	4700pF	10%	1608	MURATA	GRM188B11H472KA01	YES	YES
C5	2	Ceramic Capacitor	10uF	10%	3216	MURATA	GRM31CB31C106KA88	YES	YES
C6	1	Ceramic Capacitor	0.01uF	10%	1608	MURATA	GRM188B11H103KA01	YES	YES
R1	1	Resistor	27kohm	1%	1608	KOA	RK73H1JTTD2702F	YES	YES
R2	1	Resistor	2.2kohm	1%	1608	KOA	RK73H1JTTD2201F	YES	YES
R3	1	Resistor	10kohm	1%	1608	KOA	RK73H1JTTD1002F	YES	YES
R10	1	Resistor	4.3kohm	1%	1608	KOA	RK73H1JTTD4301F	YES	YES
Rb	1	Resistor	0ohm	1%	1608	KOA	RK73Z1JTTD000	YES	YES
L1	1	Inductor	10uH	30%	10.3x10.5	sumida	CDRH105RNP-100NC	YES	YES
D1	1	SBD	-	-	SMA-2	ON Semiconductor	MBRA340	NO	YES
IC	1	DCDC IC	-	-	SOP8L(200mil)	ON Semiconductor	LV58063MC-AH	NO	YES