



Bill of Materials for the LV3319PMGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C2	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C3	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C4	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C5	-	-	-	-	-	-	-	Yes	Yes
C6	-	-	-	-	-	-	-	Yes	Yes
C7	1	Vref Capacitor	22uF 35V	±20%	Radial	Nichicon	USR1V220MDD	Yes	Yes
C8	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C9	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C10	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C11	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C12	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C13	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C14	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C15	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C16	-	-	-	-	-	-	-	Yes	Yes
C17	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C18	1	Loudness	220pF 50V	±5%	0603	TDK	C1608CH1H221J	Yes	Yes
C19	1	Loudness	0.1uF 25V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C20	-	-	-	-	-	-	-	Yes	Yes
C21	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C22	-	-	-	-	-	-	-	Yes	Yes
C23	-	-	-	-	-	-	-	Yes	Yes
C24	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C25	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C26	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C27	1	TIM	0.033uF 50V	±10%	0603			Yes	Yes
C28	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C29	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C30	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C31	-	-	-	-	-	-	-	Yes	Yes
C32	-	-	-	-	-	-	-	Yes	Yes
C33	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C34	-	-	-	-	-	-	-	Yes	Yes
C35	1	Loudness	0.1uF 25V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C36	1	Loudness	220pF 50V	±5%	0603	TDK	C1608CH1H221J	Yes	Yes
C37	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C38	-	-	-	-	-	-	-	Yes	Yes
C39	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C40	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes

C41	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C42	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C43	1	DC Coupling	1uF 16V	±10%	0603	KEMET	C0603C105K4PAC7	Yes	Yes
C44	1	VDD Capacitor	0.1uF 25V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C45	1	VDD Capacitor	100uF 25V	±20%	Radial	Nichicon	UVK1E101MDD	Yes	Yes
R1	1	Loudness	68k	±0.5%	0603	Kamaya	RGC1/16C683D	Yes	Yes
R2	1	Loudness	4.7k	±0.5%	0603	Kamaya	RGC1/16C472D	Yes	Yes
R3	1	Loudness	4.7k	±0.5%	0603	Kamaya	RGC1/16C472D	Yes	Yes
R4	1	Loudness	68k	±0.5%	0603	Kamaya	RGC1/16C683D	Yes	Yes
R5	-	-	-	-	-	-	-	Yes	Yes
SW	1	MUTE SW	-	-	6.0x6.0x5.0mm	ALPS	SKHHAKA010	Yes	Yes
CONNECTOR	1	I/F	-	-	2.5mm Pitch	HRS	DF1-6P-2.5DSA(05)	Yes	Yes
TP1-TP23 VDD,AVSS	25	PIN	-	-	-	MAC8	ST-1-3	Yes	Yes
IC1	1	EVOL	-	-	PQFP-44 / QIP-44M	ON Semiconductor	LV3319PM	No	Yes