



Bill of Materials for the LV3313PMGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C2	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C3	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C4	-	-	-	-	-	-	-	Yes	Yes
C5	1	PH	0.47uF 16V	10%	0603	TDK	C1608JB1C474K	Yes	Yes
C6	-	-	-	-	Radial	Nichicon	USR1V220MDD	Yes	Yes
C7	1	Vref capacitor	22uF 35V	20%	0603	TDK	C1608JB1C105K	Yes	Yes
C8	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C9	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C10	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C11	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C12	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C13	-	-	-	-	-	-	-	Yes	Yes
C14	-	-	-	-	-	-	-	Yes	Yes
C15	-	-	-	-	-	-	-	Yes	Yes
C16	1	EQ	2700pF 50V	5%	0603	TDK	C1608CH1H272J	Yes	Yes
C17	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	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	1	EQ	0.1uF 25V	10%	0603	TDK	C1608JB1H104K	Yes	Yes
C23	1	EQ	0.1uF 25V	10%	0603	TDK	C1608JB1H104K	Yes	Yes
C24	-	-	-	-	-	-	-	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	Vreg	1uF 16V	10%	0603	TDK	C1608JB1C105K	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	-	-	-	-	-	-	-	Yes	Yes
C31	1	EQ	0.1uF 25V	10%	0603	TDK	C1608JB1H104K	Yes	Yes
C32	1	EQ	0.1uF 25V	10%	0603	TDK	C1608JB1H104K	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	TDK	C1608JB1C105K	Yes	Yes
C38	1	EQ	2700pF 50V	5%	0603	TDK	C1608CH1H272J	Yes	Yes
C39	-	-	-	-	-	-	-	Yes	Yes
C40	-	-	-	-	-	-	-	Yes	Yes

C41	-	-	-	-	-	-	-	Yes	Yes
C42	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	Yes	Yes
C43	1	DC coupling	1uF 16V	10%	0603	TDK	C1608JB1C105K	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	0.50%	0603	Kamaya	RGC1/16C683DT	Yes	Yes
R2	1	Loudness	4.7k	0.50%	0603	Kamaya	RGC1/16C472DT	Yes	Yes
R3	1	Loudness	4.7k	0.50%	0603	Kamaya	RGC1/16C472DT	Yes	Yes
R4	1	Loudness	68k	0.50%	0603	Kamaya	RGC1/16C683DT	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
TP1-8, TP13-17, TP22-23, VDD, AVSS	17	PIN	-	-	-	MAC8	ST-1-3	Yes	Yes
IC1	1	EVOL	-	-	PQFP-44 / QIP-44M	ON Semiconductor	LV3313PM	No	Yes