



Bill of Materials for the LV3327PVGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Loudness	220pF 50V	±5%	0603	TDK	C1608CH1H221J	Yes	Yes
C2	1	Loudness	0.1uF 50V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C3	1	DC Coupling	1uF 16V	±10%	0603	TDK	C1608JB1C105K	Yes	Yes
C4	1	DC Coupling	1uF 16V	±10%	0603	TDK	C1608JB1C105K	Yes	Yes
C5	1	DC Coupling	1uF 16V	±10%	0603	TDK	C1608JB1C105K	Yes	Yes
C6	1	DC Coupling	1uF 16V	±10%	0603	TDK	C1608JB1C105K	Yes	Yes
C7	1	Loudness	220pF 50V	±5%	0603	TDK	C1608CH1H221J	Yes	Yes
C8	1	Loudness	0.1uF 50V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C9	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C10	1	Vref Capacitor	22uF 35V	±20%	Radial	Nichicon	USR1V220MDD	Yes	Yes
C11	1	DC Coupling	10uF 35V	±20%	Radial	Nichicon	USR1V100MDD	Yes	Yes
C12	1	VDD Capacitor	0.1uF 50V	±10%	0603	TDK	C1608JB1H104K	Yes	Yes
C13	1	VDD Capacitor	100uF 25V	±20%	Radial	Nichicon	UVK1E101MDD	Yes	Yes
R1	1	Loudness	68k	±0.5%	0603	Kamaya	RGC1/16C683DT	Yes	Yes
R2	1	Loudness	4.7k	±0.5%	0603	Kamaya	RGC1/16C472DT	Yes	Yes
R3	1	Loudness	68k	±0.5%	0603	Kamaya	RGC1/16C683DT	Yes	Yes
R4	1	Loudness	4.7k	±0.5%	0603	Kamaya	RGC1/16C472DT	Yes	Yes
DF1-6P-2.5DS	1	I/F	-	-	2.5mm Pitch	HRS	DF1-6P-2.5DSA(05)	Yes	Yes
IN1-4, LOUT, ROUT, VDD, VSS, TP, CLK, DATA	13	PIN	-	-	2.54mm Pitch	MAC8	ST-1-3	Yes	Yes
IC1	1	EVOL	-	-	SSOP-16	ON Semiconductor	LV3327PV	No	Yes