



Bill of Materials for the LV4924VHGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
L1, L2, L3, L4	4	Inductor	22uH(53mΩ,1.6A)	+ -20%	8.3mm diameter	TOKO	A7040HN-220M	Yes	Yes
SW1, SW2	2	Toggle Switch	2 position	-	9mm x 5.08mm	Nikkai	A-12HP	Yes	Yes
CN1, 2, 3	3	Crimp Connector posts	2 pole	-	3.96mm x	JST	B2P-VH	Yes	Yes
C1, 2, 3, 4, 9, 10	4	Multilayer Ceramic Chip	1uF	+ -10%	2mm x 1.25mm	MURATA	GRM21BR71H105K	Yes	Yes
C5, 6, 7, 8	4	Multilayer Ceramic Chip	0.1uF	+ -10%	2mm x 1.25mm	MURATA	GRM21BR71H104K	Yes	Yes
C11, 12, 13, 14	4	Metalized Film Condenser	0.33uF	+ -1%	13mm x 4mm	MATSUO	553M6302-334K	Yes	Yes
C17	1	Aluminum Electrolytic Capacitors	470uF, 25V	+ -20%	10mm diameter	Nichicon	UKW1E471MPD	Yes	Yes
R1	1	Chip Resistor	10kΩ	+ -1%	2012	ROHM	MCR10EZPF1002	Yes	Yes
D1	1	Chip LED	Red, 20mA	-	1608	ROHM	SML-D12U8WT86	Yes	Yes
IC	1	D-class Audio Power Amplifier	10W*2ch	-	HZIP25	ON Semiconductor	LV4924VH	No	Yes