Bill of Materials

Bill of Materials for Project [Microphone-Boards.PrjPcb]

File name: Microphone-Boards.PrjPcb
Project: Microphone-Boards
Variant: V1.0

Creation Date: 22.01.2024
Print Date: 22.01.2024

Designator	Component Description	Component Value	Footprint	JLC-Parts	Farnell	Mouser	Digikey	Quantity	Unit Price	Total Price
C1A, C1B, C1C, C1D, C1E, C1F, C1G, C1H, C4A, C4B, C4C, C4D, C4E, C4F, C4G, C4H, C7A, C7B, C7C, C7D, C7E, C7F, C7G, C7H, C10A, C10B, C10C, C10D, C10E, C10F, C10G, C10H	Multilayer Ceramic Capacitors	10nF 50V	SMD Keramikkondensator 0603	C57112	2346966	77-VJ0603V103ZXAPBC	445-5662-1-ND	32	SFr. 0.01	SFr. 0.32
C2A, C2B, C2C, C2D, C2E, C2F, C2G, C2H, C5A, C5B, C5C, C5D, C5E, C5F, C5G, C5H, C8A, C8B, C8C, C8D, C8E, C8F, C8G, C8H, C11A, C11B, C11C, C11D, C11E, C11F, C11G, C11H	Multilayer Ceramic Capacitors MLCC	100nF 50V	SMD Keramikkondensator 0603	C14663	2210822	810-CGA2B3X7R1H104K	445-6899-1-ND	32	SFr. 0.01	SFr. 0.32
C3A, C3B, C3C, C3D, C3E, C3F, C3G, C3H, C6A, C6B, C6C, C6D, C6E, C6F, C6G, C6H, C9A, C9B, C9C, C9D, C9E, C9F, C9G, C9H, C12A, C12B, C12C, C12D, C12E, C12F, C12G, C12H	Multilayer Ceramic Capacitors MLCC	10µF 50V	SMD Keramikkondensator 1206	C13585	2113070	963-LMK107BBJ106MALT	587-3258-1-ND	32	SFr. 0.01	SFr. 0.32
M1A, M1B, M1C, M1D, M1E, M1F, M1G, M1H, M2A, M2B, M2C, M2D, M2E, M2F, M2G, M2H, M3A, M3B, M3C, M3D, M3E, M3F, M3G, M3H, M4A, M4B, M4C, M4D, M4E, M4F, M4G, M4H	Solderable Standoff Nut	M3 3mm	SMD Solder-Nut (M3 3mm)	C2915308		153-SMTSO-M3-3ET		32	SFr. 0.05	SFr. 1.60
P1A, P1B, P1C, P1D, P1E, P1F, P1G, P1H, P2A, P2B, P2C, P2D, P2E, P2F, P2G, P2H, P3A, P3B, P3C, P3D, P3E, P3F, P3G, P3H, P4A, P4B, P4C, P4D, P4E, P4F, P4G, P4H	LED Red/White	XL-1615SURUWC	SMD LED 0606	C965837				32	SFr. 0.02	SFr. 0.64
R1A, R1B, R1C, R1D, R1E, R1F, R1G, R1H, R3A, R3B, R3C, R3D, R3E, R3F, R3G, R3H, R5A, R5B, R5C, R5D, R5E, R5F, R5G, R5H, R7A, R7B, R7C, R7D, R7E, R7F, R7G, R7H	Thick Film Chip Resistor	390 (75V, 100mW, 1%)	SMD Widerstand 0603	C23151	2303111	667-ERJ-3EKF3900V	P390HCT-ND	32	SFr. 0.06	SFr. 1.92
R2A, R2B, R2C, R2D, R2E, R2F, R2G, R2H, R4A, R4B, R4C, R4D, R4E, R4F, R4G, R4H, R6A, R6B, R6C, R6D, R6E, R6F, R6G, R6H, R8A, R8B, R8C, R8D, R8E, R8F, R8G, R8H	Thick Film Chip Resistor	820 (75V, 100mW, 1%)	SMD Widerstand 0603	C23253	2303136	667-ERJ-3EKF8200V	P820HCT-ND	32	SFr. 0.06	SFr. 1.92
S1A, S1B, S1C, S1D, S1E, S1F, S1G, S1H, S2A, S2B, S2C, S2D, S2E, S2F, S2G, S2H, S3A, S3B, S3C, S3D, S3E, S3F, S3G, S3H, S4A, S4B, S4C, S4D, S4E, S4F, S4G, S4H	Miniature Slide Switch	PCM12SMTR (SPDT)	SMD Switch SPDT (PCM12SMTR)	C431540	9575146	611-PCM12SMTR	401-2016-1-ND	32	SFr. 0.04	SFr. 1.28
U1A, U1B, U1C, U1D, U1E, U1F, U1G, U1H	Digital PDM MEMS Microphone (Top Port)	MP34DT05TR-A	SMD Microphone (MP34DT05TR-A)	C2688664	2851942	511-MP34DT05TR-A	497-17809-1-ND	8	SFr. 1.50	SFr. 12.00
U2A, U2B, U2C, U2D, U2E, U2F, U2G, U2H	Digital PDM MEMS Microphone (Bottom Port)	GMA3526H10-B26	SMD Microphone (GMA3526H10-B26)	C498192		721-SPH0641LU4H-1	423-1402-1-ND	8	SFr. 1.06	SFr. 8.48
U3A, U3B, U3C, U3D, U3E, U3F, U3G, U3H	Digital PDM MEMS Microphone (Top Port)	GMA4030H11-F26	SMD Microphone (GMA4030H11-F26)	C498193		721-SPK0415HM4H-B-7	423-1210-1-ND	8	SFr. 1.11	SFr. 8.88
U4A, U4B, U4C, U4D, U4E, U4F, U4G, U4H	Digital PDM MEMS Microphone (Bottom Port)	SD18OB261-060	SMD Microphone (SD18OB261-060)	C2895290			4719-SD18OB261-050DKR-ND	8	SFr. 0.61	SFr. 4.88
X1A, X1B, X1C, X1D, X1E, X1F, X1G, X1H, X2A, X2B, X2C, X2D, X2E, X2F, X2G, X2H, X3A, X3B, X3C, X3D, X3E, X3F, X3G, X3H, X4A, X4B, X4C, X4D, X4E, X4F, X4G, X4H	Wire To Board Connector (1x4P 1.0mm)	1.0-4PWB	SMD Connector (SM04B-SRSS-TB)	C2905006	1830839		455-SM04B-SRSS-TBCT-ND	32	SFr. 0.03	SFr. 0.96
										SFr. 43.52

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