

Bill of Materials

Bill of Materials For PCB Document [Preamp_Main.PcbDoc]

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 Project: Preamp.PrjPcb
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
RESC1608L	TDK C1608X7R2A103K080AA	Cap	C1_AMP1, C1_AMP2, C1_AMP3,	Capacitor	15
RESC0603L	Panasonic ECJ-ZEB0J103K	Cap	C2_AMP1, C2_AMP2, C2_AMP3,	Capacitor	69
RESC0603L	TDK C0603X5R0J473K	Cap	C3_AMP1, C3_AMP2, C3_AMP3,	Capacitor	97
RESC0603L	Panasonic ECJ-ZEB1E102K	Cap	C20_AMP1, C20_AMP2, C20_AMP3,	Capacitor	19
RESC1608L	TDK CGJ3E3X7S2A473K080AA	Cap	Cbias_AMP1, Cbias_AMP2, Cbias_AMP3,	Capacitor	15
RESC1608L	TDK C1608X7R1E473K	Cap	Cgain	Capacitor	1
SOT23	Fairchild BZX84C 11	D Zener	D1	Zener Diode	1
SOT-143R	NXP BF1108R	MOSFET-N	M1_SUMMER1, M1_SUMMER2,	N-Channel MOSFET	3
S10931	Hamamatsu S10931	S10931	MPPC_AMP1, MPPC_AMP2,	Photo Diode (3 mm x 3 mm), SMT	15
EURO2.54-2H	Hirose PCN10-64P-2.54DS(72)	DIN41612 64 Cor	P1		1
SOT323_L	BFT92W	BFT92W, PNP	Q0_AMP1, Q0_AMP2, Q0_AMP3,	PNP 4 GHz Wideband Transistor, PNP Bipol	54
SOT23_N	BFR92P	BFR92A	Q1_AMP1, Q1_AMP2, Q1_AMP3,	NPN 5 GHz Wideband Transistor	21
RESC0603L	Panasonic ERJ-1GEJ201C	Res2	R1_AMP1, R1_AMP2, R1_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEF3301C	Res2	R2_AMP1, R2_AMP2, R2_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEJ112C	Res2	R3_AMP1, R3_AMP2, R3_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEF1501C	Res2	R4_AMP1, R4_AMP2, R4_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEJ561C	Res2	R5_AMP1, R5_AMP2, R5_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEF1001C	Res2	R6_AMP1, R6_AMP2, R6_AMP3,	Resistor	33
RESC0603L	Panasonic ERJ-1GEF1200C	Res2	R7_AMP1, R7_AMP2, R7_AMP3,	Resistor	15
2012[0805]	Panasonic ERJ-6GEYJ201V	Res2	R9_SUMMER1, R9_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF82R0C	Res2	R10_SUMMER1, R10_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEJ152C	Res2	R11_SUMMER1, R11_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF1000C	Res2	R12_SUMMER1, R12_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF5600C	Res2	R13_SUMMER1, R13_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF1800C	Res2	R14_SUMMER1, R14_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF2001C	Res2	R15_SUMMER1, R15_SUMMER2,	Resistor	6
RESC0603L	Panasonic ERJ-1GEF3920C	Res2	R16_SUMMER1, R16_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF6980C	Res2	R17_SUMMER1, R17_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEF1003C	Res2	R18_AMP1, R18_AMP2, R18_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEF2700C	Res2	R19_AMP1, R19_AMP2, R19_AMP3,	Resistor	15
RESC0603L	Panasonic ERJ-1GEJ221C	Res2	R20_AMP1, R20_AMP2, R20_AMP3,	Resistor	15
RESC3216L	Panasonic ERJ-8ENF1303V	Res2	R21	Resistor	1
RESC0603L	Panasonic ERJ-1GEF4423C	Res2	R22	Resistor	1
RESC0603L	Panasonic ERJ-1GEF3650C	Res2	R22_AMP1, R22_AMP2, R22_AMP3,	Resistor	15
RESC3216L	Panasonic ERJ-8ENF8662V	Res2	R23	Resistor	1
RESC0603L	Panasonic ERJ-1GEF1433C	Res2	R24	Resistor	1
RESC0603L	Panasonic ERJ-1GEF2201C	Res2	R25, R26	Resistor	2
RESC0603L	Panasonic ERJ-1GEJ300C	Res2	R27_AMP1, R27_AMP2, R27_AMP3,	Resistor	19
RESC1608L	Panasonic ERJ-3GEYJ104V	Res2	R30	Resistor	1
RESC0603L	Panasonic ERJ-1GEJ562C	Res2	RBi1_SUMMER1, RBi1_SUMMER2,	Resistor	18
RESC0603L	Panasonic ERJ-1GEF2491C	Res2	RC_SUMMER1, RC_SUMMER2,	Resistor	3
RESC0603L	Panasonic ERJ-1GEJ180C	Res2	RG_SUMMER1, RG_SUMMER2,	Resistor	3
RESC1608L	ERT-J1VV104J	Res Thermal	RT1	Thermistor	1
SOT23_L	Zetex ZR431L	Volt Reg	VR1	Voltage Regulator	1
SOT23-5AN	NCP100SNT1G	Volt Reg 1	VR2		1

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Approved	Notes