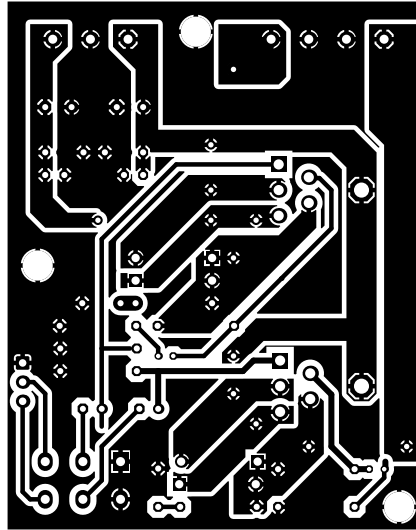
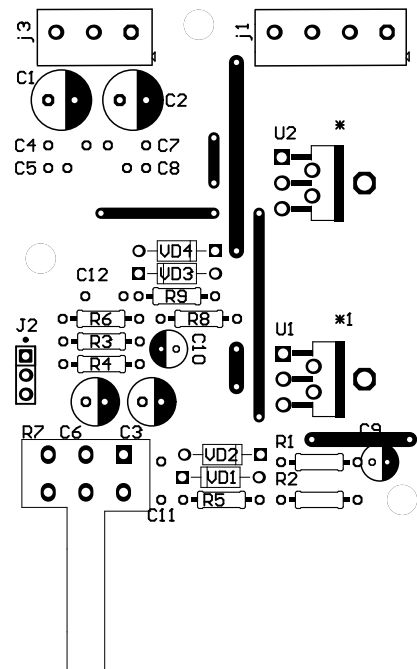


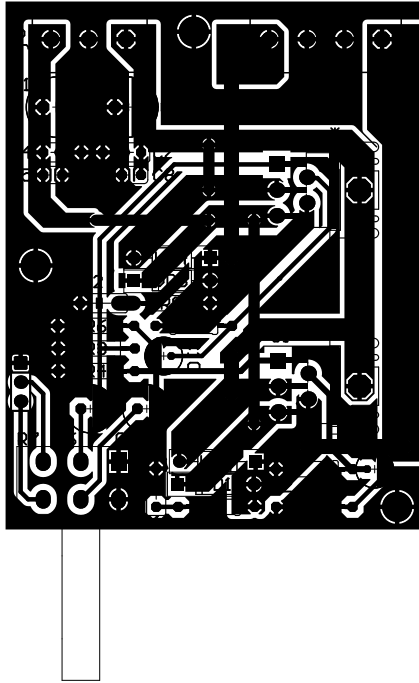
1		2		3		4	
A							
B							
C							
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1		2		3		4	

Title			
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File:	D:\Documents\...\Pre-Amp.SchDoc		Drawn By:

Title			
Size A	Number		Revision
Date:	9/25/2021		Sheet of
File:	D:\Documents\...\Pre-Amp.SchDoc		Drawn By:







Comment	Description	Designator	Footprint	LibRef	Quantity
Heatsink 1 pad transistor TO220		[NoValue], *1	Heatsink 1 pad SK95-2M3	Heatsink 1 pad transistor TO220	2
Aluminium capacitor, 100µF, 25V, ±20%, 54mOhm, 14x10x5 mm, -55...+105°C		C1, C2	CAP Electrolytic TH D8C3.5H12	Capacitor Aluminium	2
Aluminium capacitor, 2.2uF, 25V, ±20%, 54mOhm, 14x10x5 mm, -55...+105°C		C3, C6	CAP Electrolytic TH D6.3C2.5H11	Capacitor Aluminium	2
Ceramic capacitor, 220nF, X7R, ±10%, 16V, 0201, -55...+125°C		C4, C7, C11, C12	Cap ceramic TH C050-025X075	Capacitor Ceramic	4
Ceramic capacitor, 100nF, X7R, ±10%, 16V, 0201, -55...+125°C		C5, C8	Cap ceramic TH C025-024X044	Capacitor Ceramic	2
Aluminium capacitor, 22uF, 25V, ±20%, 54mOhm, 14x10x5 mm, -55...+105°C		C9, C10	CAP Electrolytic TH D5C2H11	Capacitor Aluminium	2
screw terminal 1x4	Conn Terminal Block 4 POS 5mm Solder ST Thru-Hole 10A Box	j1	screw terminal 1x4	screw terminal 1x4	1
screw terminal 1x3	PCB Terminal Block 3 Poles, 5 mm Pitch, 691101710003, Würth Elektronik	j3	screw terminal 1x3	screw terminal 1x3	1
pinheader 1x3	SAMTEC - TSW-103-07 F-S - Pin Header, Unshrouded, Board-to-Board, 2.54 mm, 1 Rows, 3 Contacts, Through Hole, TSW Series	J2	Pin Header 1x3 TH Pitch 2.54mm	pinheader 1x3	1
Resistor film, 22k, ±5%, 0201, 0.05W, -55...+125°C		R1, R3, R4, R8	RES TH 0.25W H 0207\$10	Resistor Fixed	4
Resistor film, 680R, ±5%, 0201, 0.05W, -55...+125°C		R2, R6	RES TH 0.25W H 0207\$10	Resistor Fixed	2
Resistor film, 1, ±5%, 0201, 0.05W, -55...+125°C		R5, R9	RES TH 0.25W H 0207\$10	Resistor Fixed	2
Resistor film, 10k, , 3296W, 0.5W, -55...+125°C		R7	Res VAR POT TH 2 gang PDB182	Resistor Potentiometer 2 Gang	1
Amp IC TDA2030AV	STMICROELECTRONICS TDA2030AV. Audio Power Amplifier, 18 W, 5 Pins	U1, U2	CB360	Amp IC TDA2030AV	2
Single diode, 75V, 150mA, 1V, 4ns, SOD-323, -55...+150°C		VD1, VD2, VD3, VD4	Diode TH DO-41 (h) (1n4007)	Diode single	4