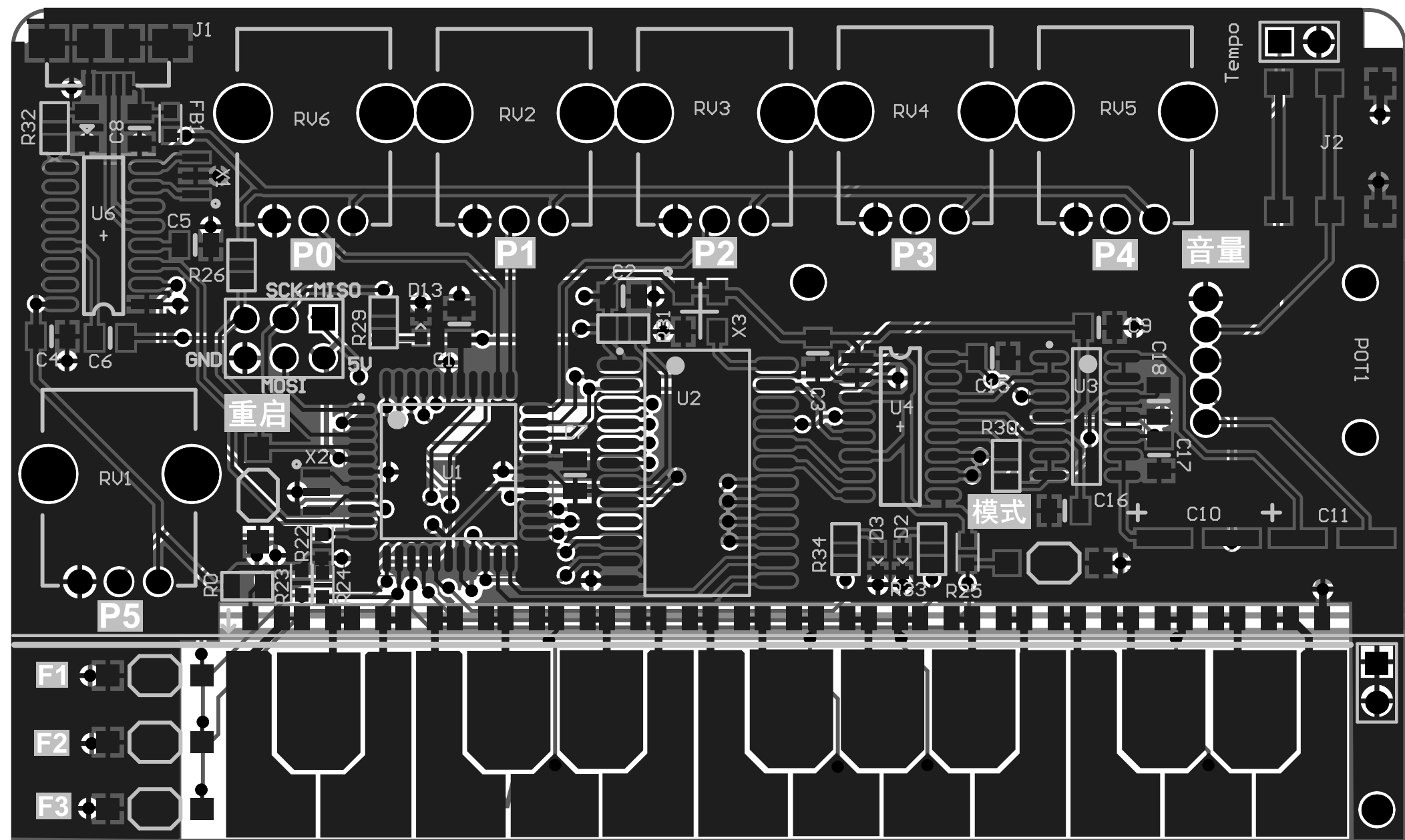


Title		
Size	Number	Revision
A4		
Date:	10/01/2021	Sheet of
File:	E:\honglong\..audio.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
10µF	CAP CER 10UF 6.3V X5R 0805	C1, C2, C3, C4, C5, C6, C9, C15, C16, C17, C18	SMD-0805C	GRM219R60J106KE19D	11
0.1u	CAP CER 10000PF 25V X7R 0805	C7	SMD-0805C	GRM216R71E103KA01D	1
10u	CAP CER 10000PF 25V X7R 0805	C8	SMD-0805C	GRM216R71E103KA01D	1
Aluminium Capacitor 47uF	Aluminium Capacitor 47uF	C10, C11	Aluminium Capacitor 47uF	Aluminium Capacitor 47uF	2
0805 LED- BLUE	0805 LED- BLUE	D1	0805 LED	0805 LED- BLUE	1
led 0603		D2, D3, D13	led 0603	led 0603	3
1	RES SMD 1 OHM 1% 1/4W 0603	FB1	SMD-0603-RES	ERJ-3BQF1R0V	1
Header 3X2A	Header, 3-Pin, Dual row	ICSP	HDR2X3_CEN	Header 3X2A	1
micro_usb	micro USB Type B	J1	MICROUSB	micro_usb	1
Component_1		J2	PCBComponent_1	Component_1	1
Stereo Pot	Stereo Audio Pot	POT1	stereo_pot	Stereo Pot	1
10k	RES SMD 1K OHM 1% 1/2W 0805	R0, R31	SMD-0805-RES	ERJ-P06F1001V	2
1k	RES SMD 1K OHM 1% 1/2W 0805	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R26, R29, R32, R33, R34	SMD-0805-RES	ERJ-P06F1001V	26
10k	RES SMD 10K OHM 1% 1/10W 0603	R22, R23, R24, R25	SMD-0603-RES	ERJ-3EKF1002V	4
33	RES SMD 1K OHM 1% 1/2W 0805	R30	SMD-0805-RES	ERJ-P06F1001V	1
RV09 POT	RV09 POT	RV1, RV2, RV3, RV4, RV5, RV6	RV09	RV09 POT	6
Tactile switch SMT	Tactile switch SMT	S1	left_key	Tactile switch SMT	1
Tactile switch SMT	Tactile switch SMT	S2, S3, S4, S5, S6	Tactile switch SMT	Tactile switch SMT	5
Header 2	Header, 2-Pin	Stylus, Tempo	HDR1X2	Header 2	2
ATmega1284-AU	8-bit AVR Microcontroller, 128KB Flash, 4KB EEPROM, 16KB SRAM, 44-pin TQFP, Industrial Grade (40°C to 85°C)	U1	44A_N	ATmega1284-AU	1
YMF262	YAMAHA OPL3 YMF262 FM SYNTHESIS	U2	ymf262	YMF262	1
TL074D	Low-Noise JFET-Input Operational Amplifier	U3	D014_N	TL074D	1
YAC512	YAC512	U4	YAC512-M	YAC512	1
CH430G	CH430G	U6	CH430G	CH430G	1
CSTCE XTAL	CST XTAL	X1, X2	CSTCE-CCM-R0	CSTCE XTAL	2
14.32M OSC	14.32M OSC	X3	OSC	14.32M OSC	1