



Title		
Size	Number	Revision
A3		
Date:	4.22.2022	Sheet of
File:	D:\PCB\nixie_radio\nixie_radio.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0,1uF		C1, C2, C3, C6	C0805	C0805	4
HV capacitor		C4, C5	HV capacitor	HV capacitor	2
0.1 uF		C7, C9, C12, C13, C15, C17	C0805	C0805	6
47 uF		C8, C10, C11, C14, C16	C0805	C0805	5
100 uF		C18, C19	Electrolyth	C	2
1-10 uF		C20, C21	C0805	C0805	2
US1M		D1, D2	US1M	US1M	2
1n4148w		D3, D4	1n4148w	1n4148w	2
INS-1		HL1, HL2, HL9, HL10, HL11, HL12, HL13, HL14, HL15, HL16, HL17, HL18, HL19	ins-1	INS-1	13
IN-15A		HL3	IN-15A	IN-15A	1
IN-12AB		HL4, HL5, HL6, HL7	IN-12AB	IN-12AB	4
IN-15B		HL8	IN-15B	IN-15B	1
PJ-341 audio		JACK1	PJ-341	PJ-341 audio	1
OR		JP1, JP2, JP3, JP4, JP5, JP6	JMP 0805	JMP 0805	6
inductor 10x10		L1, L2	Inductor 10x10	inductor 10x10	2
Simple pin		PIN1, PIN2, PIN3, PIN4, PIN5	simple_pin	Simple pin	5
mmbta42		Q1, Q2, Q3, Q4, Q11, Q12, Q13, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q30	mmbta42	mmbta42	19
mmbta92		Q5, Q6, Q8, Q9, Q10	mmbta92	mmbta92	5
bc856		Q26, Q27	bc856	bc856	2
FOD10N20		Q28	D-PAK	FOD10N20	1
FOD10N20		Q29	FOD10N20	FOD10N20	1
MMBTA42		Q?	SOT-23	MMBTA42	1
MMBTA92		Q?	SOT-23	MMBTA92	1
1M		R1, R2, R3, R10, R11, R12, R14, R16, R18, R20, R22, R24, R31, R32, R33, R34, R35, R36, R37	R0805	R0805, Resistor SMD	19
4K7		R4, R5, R6, R7, R8, R9, R25, R26, R27, R28, R29, R30, R39, R40, R56, R57, R58, R59, R60, R61, R62, R63	R0805	R0805, Resistor SMD	22
10K		R13, R15, R17, R19, R21, R23, R38, R41, R42	R0805	R0805, Resistor SMD	9
R0805		R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55	R0805	R0805	13
OR		R64, R65	R1206	R1206	2
74HC595D		U1, U2	74HC595D	74HC595D	2
ATMega328p		U3	ATMega328P	ATMega328p	1
AMS1117 3v3		U4	AMS1117 3v3	AMS1117 3v3	1
K155ID1		U5	K155ID1	K155ID1	1
PEC12R encoder		U6, U7	PEC12R encoder	PEC12R encoder	2
PAM8403 amplifier		U8	PAM8403 amplifier	PAM8403 amplifier	1
RDA5807M		U9	RDA5807M	RDA5807M	1
ATTiny13 SO8		U10, U11	ATTiny13 SO8	ATTiny13 SO8	2
micro-usb vertical		USB1	MICRO-USB vertical	micro-usb vertical	1