

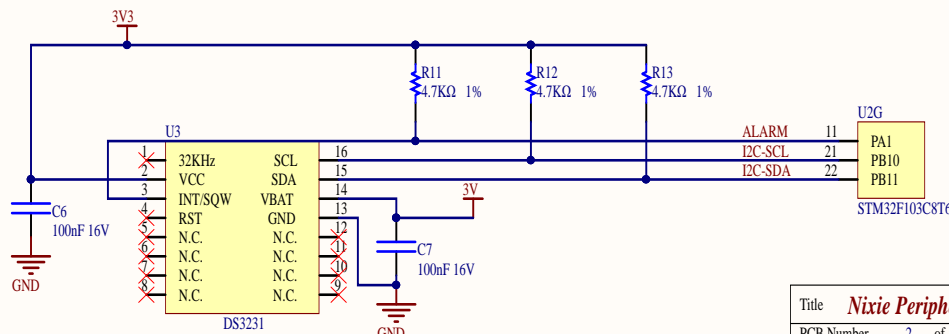
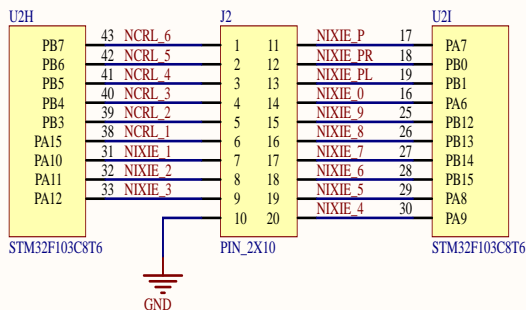
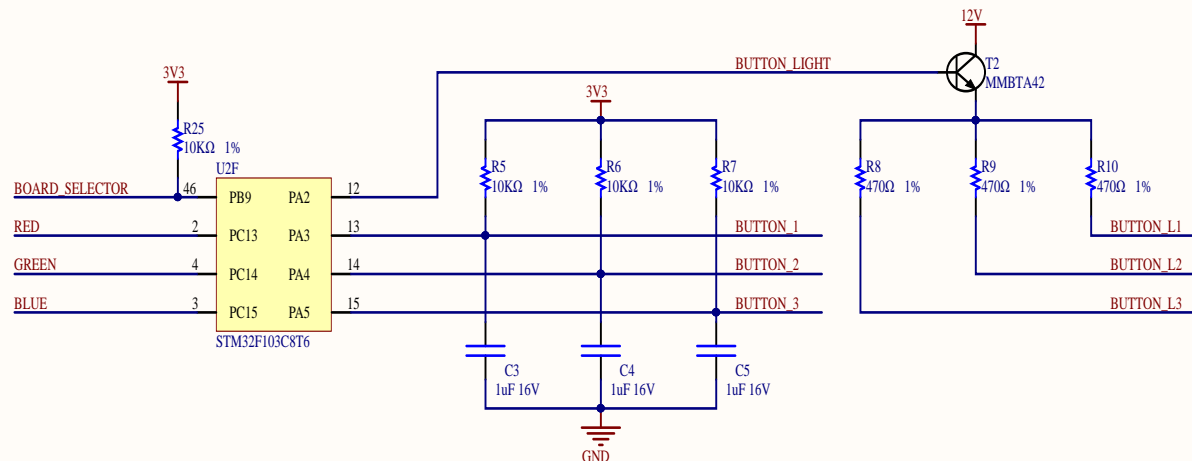
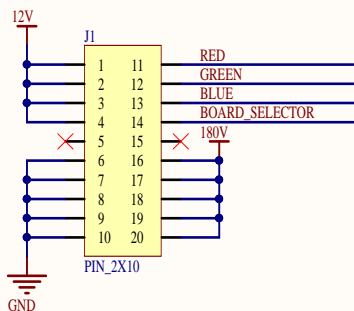
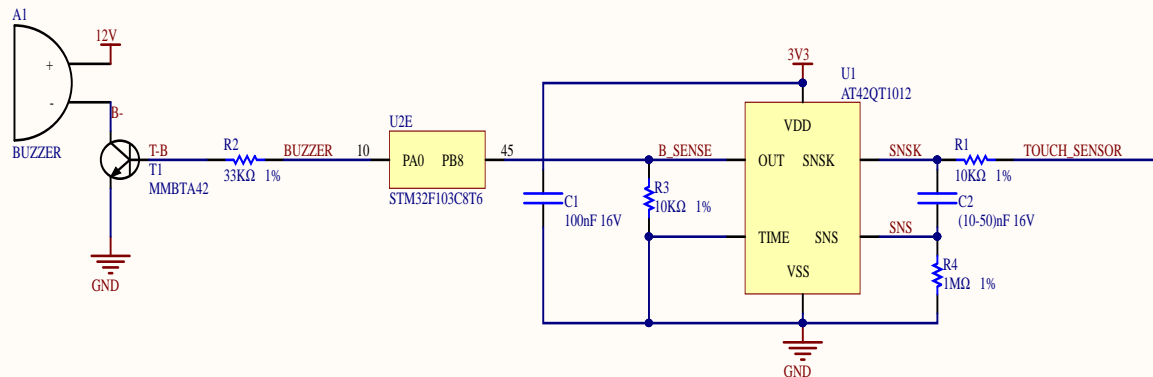
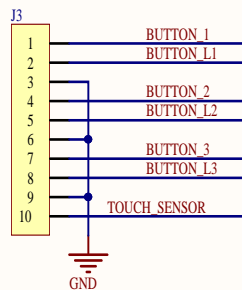
Title <i>Nixie Power</i>			
PCB Number	2 of 2	Sheet	1 of 2
Date:	30/04/2021	Revision:	1
Author	<i>Manuel Diaz Alonso</i>		MDA

1

2

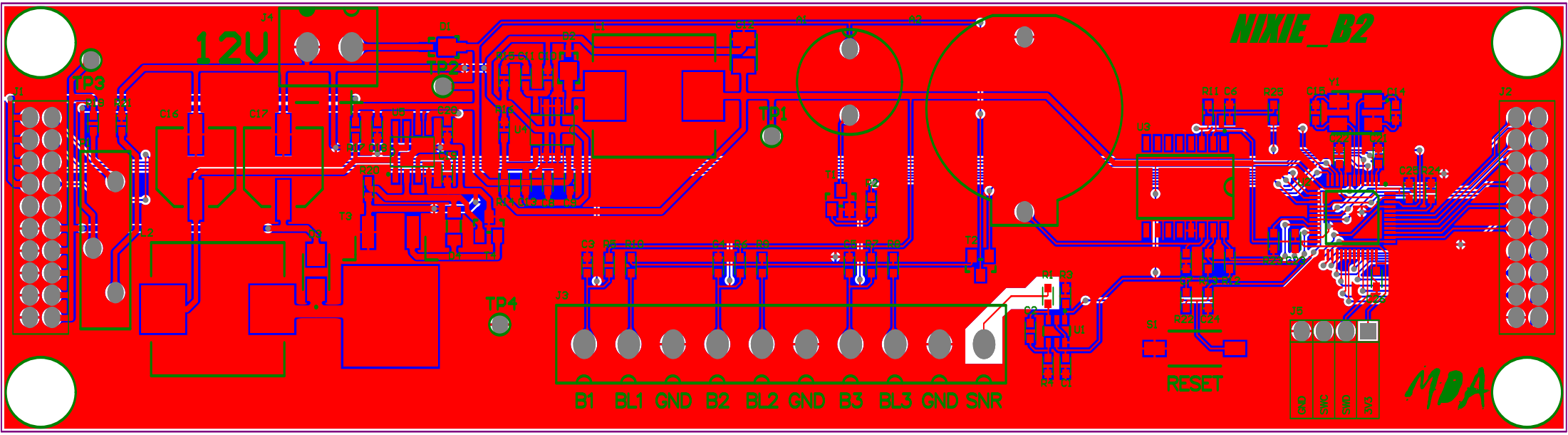
3

4



Title	Nixie Peripherals		
PCB Number	2 of 2	Sheet	2 of 2
Date:	30/04/2021	Revision:	1
Author	Manuel Diaz Alonso		

MDA



Item #	LibRef	Comment	Description	Footprint	Quantity
1	BUZZER	BUZZER		BUZZER	1
2	BAT	3V		HOLDER-2032	1
3	CAP	100nF 16V		0603	10
4	CAP	(10-50)nF 16V		0603	1
5	CAP	1uF 16V		0603	4
6	CAP	10uF 16V		0603	1
7	CAP	100pF 16V		0603	1
8	CAP	15nF 16V		0603	1
9	CAP_pol	47uF 4V		AVX-B-CASE	1
10	CAP	10nF 16V		0603	2
11	CAP	20pF 16V		0603	2
12	CAP_pol	220uF 16V		CAP-SIZE-F	1
13	CAP_pol	2.2uF 400V		CAP-SIZE-F	1
14	CAP	1nF 16V		0603	1
15	DIO	STPS1L20MF		DO-222AA	2
16	DIO	US1G-13-f		SMA	1
17	DIO	BAS16H		SOD-123F	1
18	PIN_2X10	PIN_2X10		PIN_2X10_SKT	2
19	HEADERx10	HEADERx10		HEADERx10	1
20	Vin	Vin		HEADERx2_POL	1
21	JTAG	JTAG		PIN_1X4_HDR_RA	1
22	IND	150uH 10%	SRR1240	SRR1240	1
23	IND	220uH 20%	B82477P4	12.5x12.5	1
24	POTE	500Ω 10N		3006P	1
25	RES	10KΩ 1%		0603	9
26	RES	33KΩ 1%		0603	1
27	RES	1MΩ 1%		0603	1
28	RES	470Ω 1%		0603	3
29	RES	4.7KΩ 1%		0603	3
30	RES	9.1KΩ 1%		0603	1
31	RES	13KΩ 1%		0603	1
32	RES	5.49KΩ 1%		0603	1
33	RES	10mΩ 1%		0603	1
34	RES	680KΩ 1%		0603	1
35	RES	1KΩ 1%		0603	1
36	RES	4.53KΩ 1%		0603	1
37	BUTTON	RESET		FSMSM	1
38	NPN	MMBTA42		SOT-23	2
39	N-MOS	IRF644s		TO263-3S	1
40	PNP	MMBTA92		SOT-23	1
41	TEST-POINT	TEST-POINT		Test_Point	4
42	AT42QT1012	AT42QT1012		SOT-23-6	1
43	STM32F103C8T6	STM32F103C8T6		LQFP48	1
44	DS3231	DS3231		SO16W	1
45	A5972D	A5972D		SOIC-8	1
46	MC34063	MC34063		SOIC-8	1
47	Cristal	ABM3B-8MHz		ABM3B	1