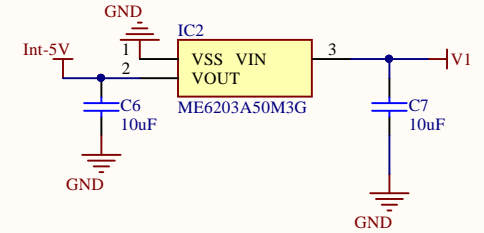
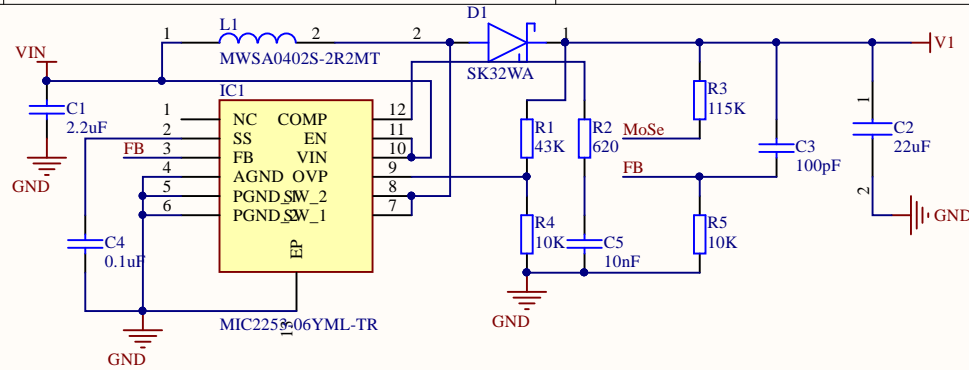
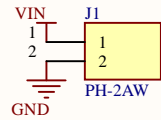
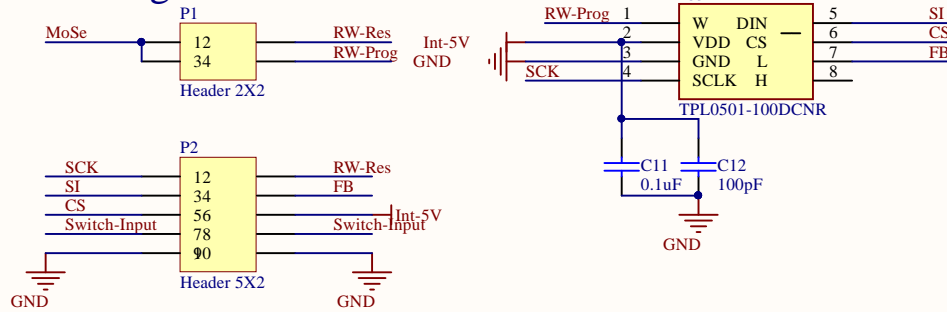


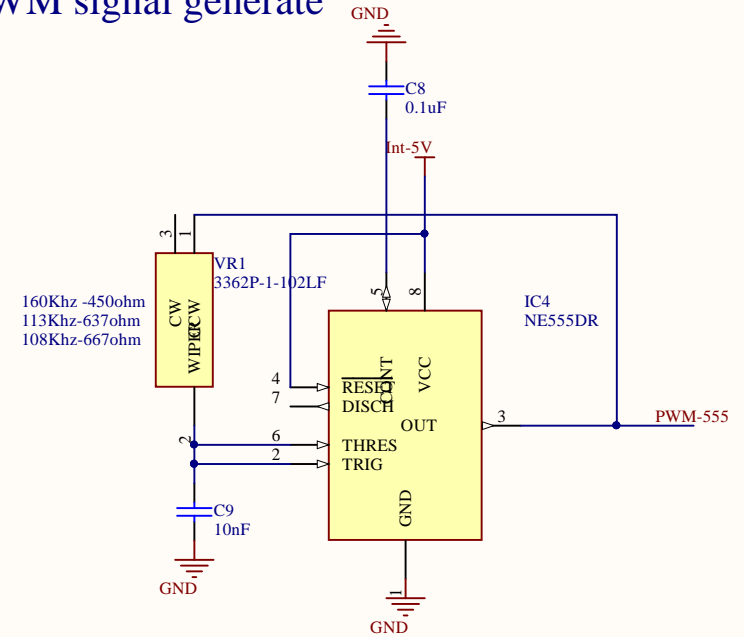
Power Supply



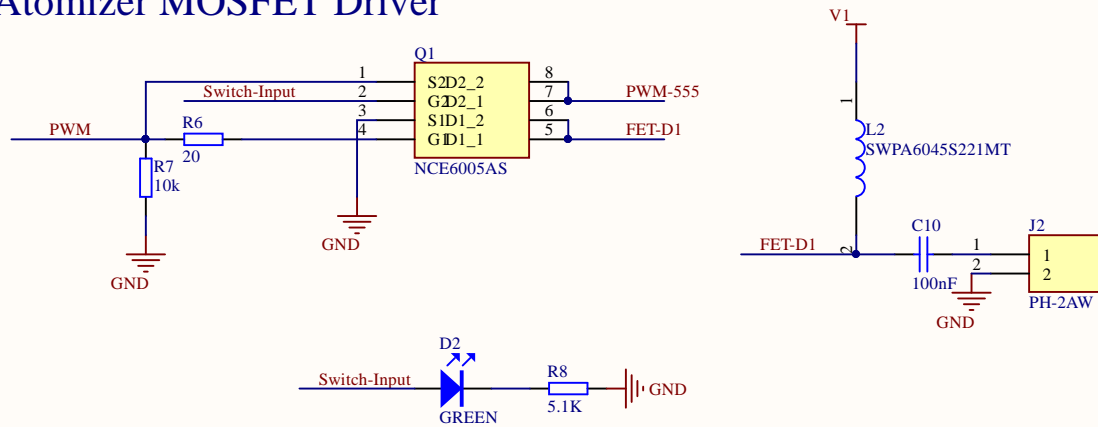
Mode Selection-Program/Manual



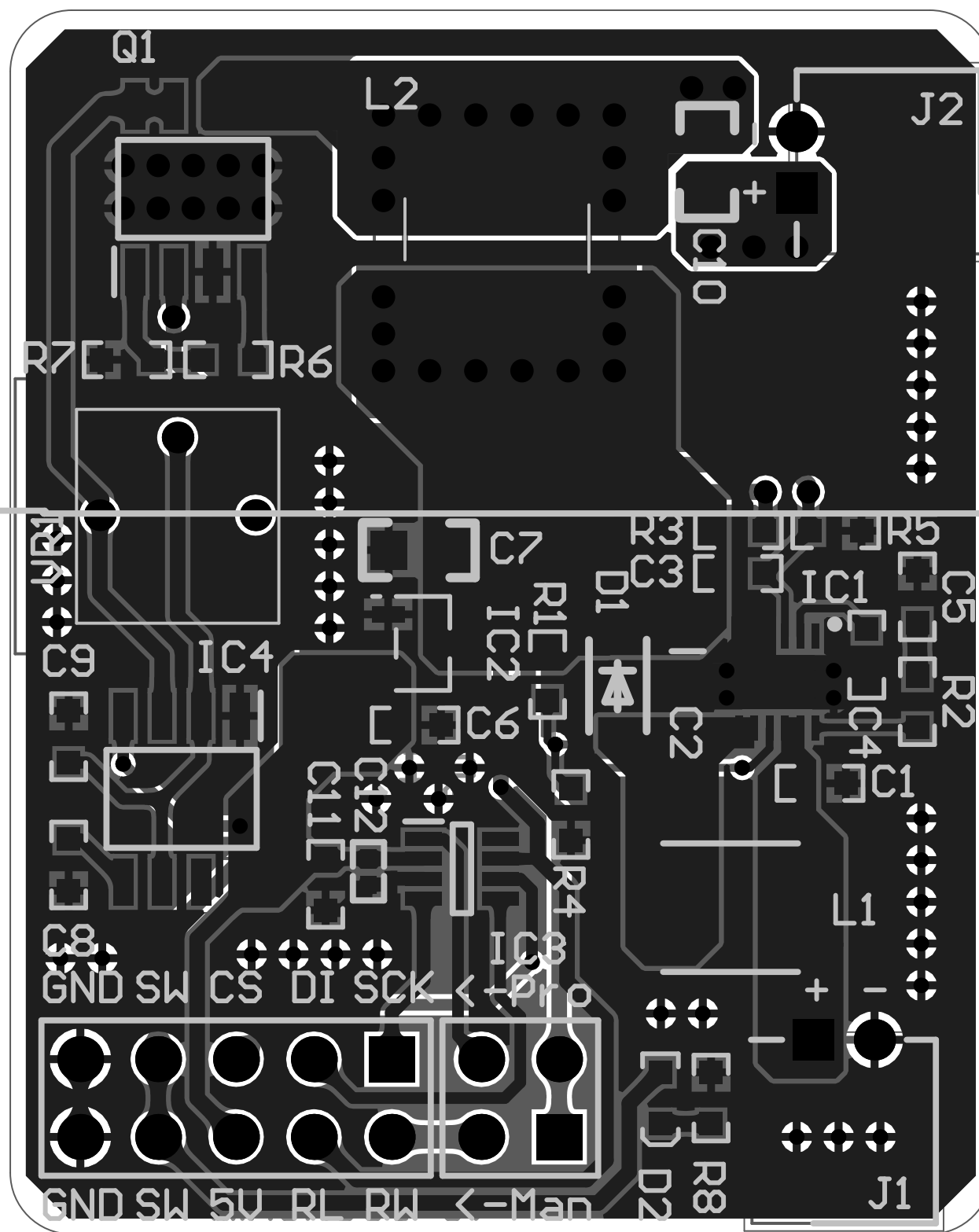
PWM signal generate



Atomizer MOSFET Driver



Title		
Size	Number	Revision
A4		
Date:	2021/9/9	Sheet of
File:	D:\work\Ultrasonic Premium_Driver	Sheet By:



Comment	Description	Designator	Footprint	LibRef	Pins	Quantity
2.2uF	16V X5R	C1	C0603	CAP	2	1
22uF	C2012X5R1V226MT000E	C2	CAPC2012X145N	C2012X5R1V226MT000E	2	1
100pF	50V C0G	C3	C0603	CAP	2	1
0.1uF	16V X7R, 16V Ceramic, 16V X7R	C4, C8, C11	C0603	CAP	2	3
10nF	50V X5R, 16V Ceramic	C5, C9	C0603	CAP	2	2
10uF	16V Ceramic	C6	C0603	CAP	2	1
10uF	10uF ±10% 35V	C7	C0805	CAP	2	1
100nF	50V X7R 10% 0805	C10	C0805	CAP	2	1
100pF	Capacitor 0402 25V 5%	C12	C0402	CAP	2	1
SK32WA	Schottky Diode	D1	SK32WA	SK32WA	2	1
GREEN	LED	D2	LED_0603	LED	2	1
MIC2253-06YML-TR	Integrated Circuit	IC1	SON50P300X300X90-13N-D	MIC2253-06YML-TR	13	1
ME6203A50M3G	LDO 5V, 100mA, up to 40V Input	IC2	ME6203A50M3G	ME6203A50M3G	3	1
TPL0501-100DCNR	Integrated Circuit	IC3	SOT65P280X145-8N	TPL0501-100DCNR	8	1
NE555DR	Integrated Circuit	IC4	SOIC127P600X175-8N	NE555DR	8	1
PH-2AW	Connector	J1, J2	SHDR2W50P0X200_1X2_600X600X500P	PH-2AW	2	2
MWSA0402S-2R2MT	Inductor	L1	INDPM4442X200N	MWSA0402S-3R3MT	2	1
SWPA6045S221MT	Inductor	L2	SWPA6045S220MT	SWPA6045S220MT	2	1
Header 2X2	Header, 2-Pin, Dual row	P1	HDR2X2	Header 2X2	4	1
Header 5X2	Header, 5-Pin, Dual row	P2	HDR2X5	Header 5X2	10	1
NCE6005AS	MOSFET (N-Channel)	Q1	SOIC127P600X175-8N	NCE6005AS	8	1
43K	X7R 0603 1% 1/16W	R1	R0603	RES	2	1
620	X7R 0603 1% 1/16W	R2	R0603	RES	2	1
115K	X7R 0603 1% 1/16W	R3	R0603	RES	2	1
10K	X7R 0603 1% 1/16W, X7R 0603 1% 1/16W, 16V	R4, R5, R7	R0603	RES	2	3
20	16V	R6	R0603	RES	2	1
5.1K	X5R 20%	R8	R0603	RES	2	1
3362P-1-102LF	Variable Resistor	VR1	3362P1502LF	3362P-1-502LF	3	1