

Title		
SW1106 100W AC-DC部分		
Size	Number	Revision
A4	AC-DC	REV1.0
Date:	12/07/2023	Sheet of
File:	D:\TEMP\...\SW1106 100W 单C SH1.Sch	Drawn By:

1

2

3

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A

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C

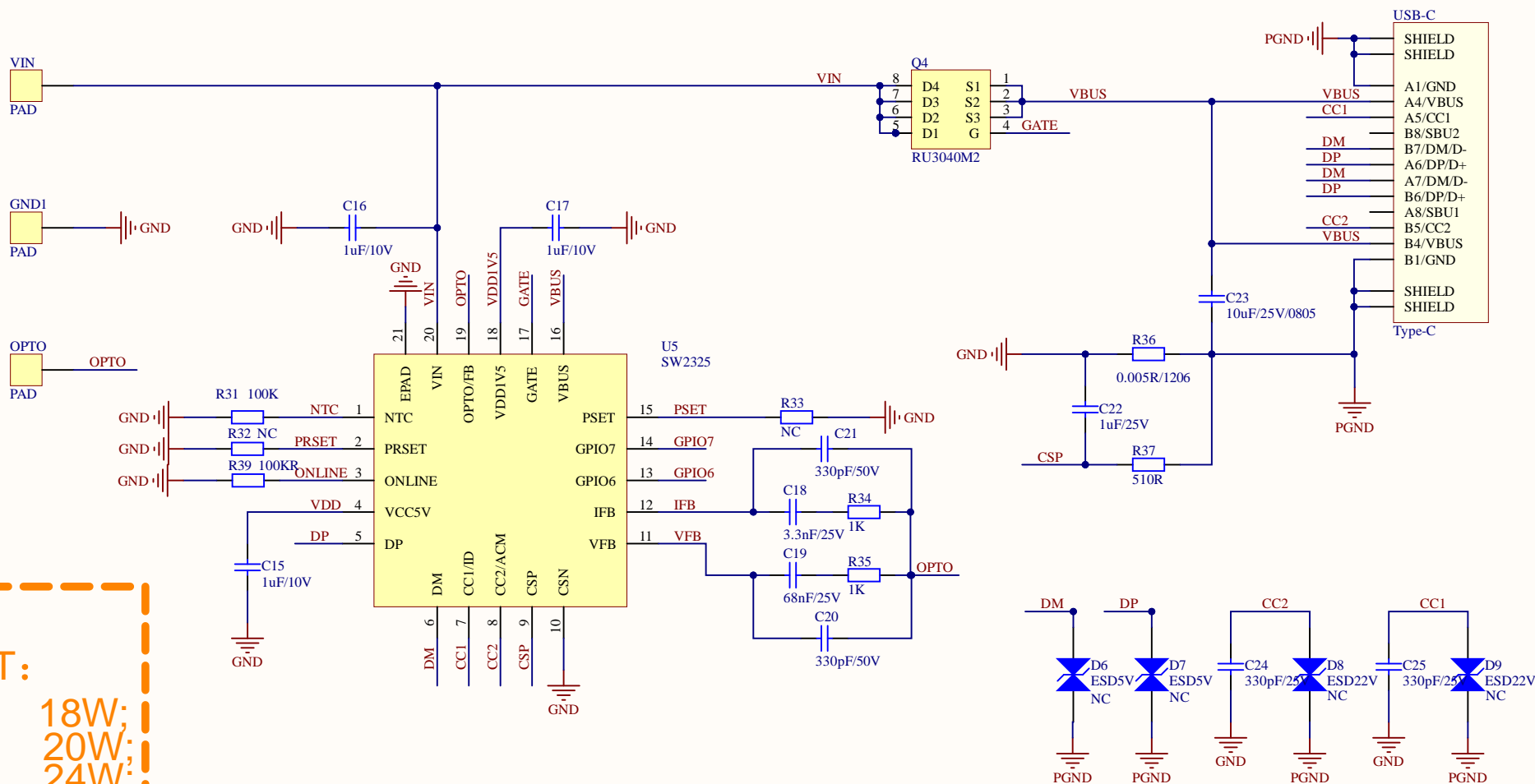
D

A

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D



Title		
Size	Number	Revision
A4		
Date:	12/07/2023	Sheet of
File:	D:\TEMP\SW1106 100W 单C SH2.Sch	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
LXR0M	Diode	BD1, BD2	BD-MBSL	BRIDGE	2
220P/250V	Capacitor	C1	0603-C	CAP	1
1nF	Capacitor	C2	0603-C	CAP	1
NC	Capacitor	C3	0603-C	CAP	1
NC	Capacitor	C4, C26	0805-C	CAP	2
220pF	Capacitor	C5	0603-C	CAP	1
1nF/1KV	Capacitor	C6	1206-C	CAP	1
0.1uF	Capacitor	C7	0805-C	CAP	1
10uF	Capacitor	C8	1206-C	CAP	1
22pF/1KV	Capacitor	C9	1206-C	CAP	1
1uF	Capacitor	C10	0603-C	CAP	1
680pf/250V	Capacitor	C11	0805-C	CAP	1
NC	Capacitor, [NoValue]	C12, C13, R27, R28, R29, R30	0603	CAP, RES2	6
1uF/10V	电容-无极性	C15, C16, C17	C 0603	Capacitor	3
3.3nF/25V	电容-无极性	C18	C 0603	Capacitor	1
68nF/25V	电容-无极性	C19	C 0603	Capacitor	1
330pf/50V	电容-无极性	C20, C21	C 0603	Capacitor	2
1uF/25V	电容-无极性	C22	C 0603	Capacitor	1
10uF/25V/0805	电容-无极性	C23	C 0805	Capacitor	1
330pf/25V	电容-无极性	C24, C25	C 0603	Capacitor	2
0.33uF/275V	安规电容CHAMPION X2 尺寸: 10X5X11mm (长X宽X高) 脚距: 7.5mm	CX1	X-10-CAP - 3	C	1
470PF/400V	Capacitor	CY1	Y-SMD	CAP	1
680PF/400V	Capacitor	CY2	Y-SMD	CAP	1
F7	1N4148 SOD323(0805)	D1, D2	SOD-123H	CSFMT108-HF	2
F7	Diode	D3	SOD-123F	DIODE_1	1
1N4148	Diode	D4	SOD-323	DIODE_1	1
S3MF	Diode	D5	DIODE-S2MB	DIODE	1
ESD5V	防静电二极管	D6, D7	SOD-523	Diode, ESD	2
ESD22V	防静电二极管	D8, D9	SOD-523	Diode, ESD	2
33uF/400V	Capacitor	EC1, EC2, EC3, EC4, EC5	CD-8/3.5	CAPACITOR POL	5
1000uF/25V	Capacitor	EC6, EC7	CD-6.3/2.3	CAPACITOR POL	2
10uF/100V	Capacitor	EC8	CD-8/3.5	CAPACITOR POL	1
5A/250V	Fuse	F1	F-8.5"4-P5	FUSE	1
PAD	GND1, OPTO, VIN	PAD	PAD	PAD	3
L	Connector	L	焊盘1.5mm	CON1	1
22uH	inductor	LF1	LF-D8-P5	LF1	1
500uH	16.2uH	LF1	LF-9X3.2	LF-4-7	1
N	Connector	N	焊盘1.5mm	CON1	1
		NS	焊盘1.5mm	INDUCTOR	1
2.5D-9	Varistor (Voltage-Sensitive Resistor)	NTC1	5D9	Res Varistor	1
5D-9	Varistor (Voltage-Sensitive Resistor)	NTC2	5D9	Res Varistor	1
100K		NTC3	0603-R	RES2	1
INN650D150	SFS06R02UG 60V/3.2mR PDFN5*6 东微	Q1	TO220-GDS	NMOSFET (Z)	1
VSP004N10MS	SFS06R02UG 60V/3.2mR PDFN5*6 东微	Q2	TO220-GDS	NMOSFET (Z)	1
NC	SFS06R02UG 60V/3.2mR PDFN5*6 东微	Q3	TO220-GDS	NMOSFET (Z)	1
RU3040M2	PDFN封装N-MOS	Q4	PDFN-3*3	MOSFET-PDFN	1
MMBT5551	NPN 三极管	Q5	SOT-23	NPN	1
5.1K		R1, R2, R3	1206-R	RES2	3
220K		R4	0603-R	RES2	1
12K		R5	0603-R	RES2	1
750K		R6, R8, R9	1206-R	RES2	3
0R		R7	0805-R	RES2	1
5.1R		R10	0603-R	RES2	1
100R		R11, R24	0603-R	RES2	2
75R		R12, R13	1206-R	RES2	2
150R		R14	0603-R	RES2	1
0.39R		R15, R16, R18	1206-R	RES2	3
20k		R17	0603-R	RES2	1
0.3R		R19	1206-R	RES2	1
51K		R20	0603-R	RES2	1
20R		R21, R22	0805-R	RES2	2
0R		R23	0603-R	RES2	1
1K		R25	0603-R	RES2	1
3K		R26	0603-R	RES2	1
100K	电阻	R31	R 0603	Resistance	1
NC	电阻	R32, R33	R 0603	Resistance	2
1K	电阻	R34, R35	R 0603	Resistance	2
0.005R/1206	电阻	R36	R 1206	Resistance	1
510R	电阻	R37	R 0603	Resistance	1
NC	电阻	R38	0603-R	RES2	1
100KR	电阻	R39	R 0603	Resistance	1
47K		R40	0805-R	RES2	1
NC		R41, RX1, RX2, RX3, RX4	1206-R	RES2	5
NP		T1		INDUCTOR	1
NA		T1-a		INDUCTOR	1
IC SW1106		U1		IC SW1106	1
IC SW1608		U2	SOT23-6	IC SW1608	1
EL1018	Optoisolator	U3		OPTO3	1
TL431 NC		U4	TL431	IC431	1
SW2325	智融科技SW2325	U5	SW232X_OFN20-4X4	SW2325	1
Type-C	USB-C	USB-C	USB-C 16PIN	Type-C 16Pin	1
13V	稳压管	ZD1	DO-41	D Zener	1