



Title		
Size	Number	Revision
A2		
Date	1/2/2026	Sheet of
File	D:\Project\ad_1\MS1772_SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
22uF/25V/10%/1206	电容	C1, C2	C1206	22uF/25V/10%/1206	2
470uF/35V/20%/10*10MM	电解电容	C3, C22	C_10*10	470uF/35V/20%/10*10MM	2
220pF/50V/5%/0402	电容	C4, C8, C10, C16, C21, C23	C0402	220pF/50V/5%/0402	6
22nF/50V/10%/0402	电容	C5, C14	C0402	22nF/50V/10%/0402	2
100nF/50V/10%/0402	电容	C6, C7, C9, C15, C18, C20	C0402	100nF/50V/10%/0402	6
100pF/50V/5%/0402	电容	C11, C17	C0402	100pF/50V/5%/0402	2
10nF/50V/10%/0402	电容	C12, C24	C0402	10nF/50V/10%/0402	2
22uF/16V/10%/1210	电容	C13, C19	C1210	22uF/16V/10%/1210	2
47uF/35V/20%/6.3*5.7	电解电容	C25	C_6.3*5.7	47uF/35V/20%/6.3*5.7	1
2uH/3.2mR	电感	L1	L-12.7*13.7	1.2uH	1
1.2uH/3.1mR	电感	L2	L-12.7*13.7	1.2uH	1
NMOS_40V/120A/2.1mR	MOS	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	DFN5X6_8L_EP_S	NMOS_40V/120A/2.1mR	8
4.7K/1%/0402	电阻	R1, R2, R3, R14, R17, R18, R19, R21	R0402	4.7K/1%/0402	8
2.7K/1%/0402	电阻	R4, R20	R0402	2.7K/1%/0402	2
100K/1%/0402	电阻	R5, R16, R22, R24	R0402	100K/1%/0402	4
75K/1%/0402	电阻	R6, R25	R0402	75K/1%/0402	2
11K/1%/0402	电阻	R7, R26	R0402	11K/1%/0402	2
0.003R/1%/2512/4W	采样电阻	R8, R13, R29, R30	R2512	0.003R/1%/2512/4W	4
10R/1%/0603	电阻	R9, R10, R11, R12, R27, R28, R31, R32	R0603	10R/1%/0603	8
NC/22K/1%/0402	电阻	R15, R23	R0402	22K/1%/0402	2
0R/1%/0402	电阻	R33, R34	R0402	0R/1%/0402	2
LM51772RHAR		U1, U3		LM51772RHAR	2
EXAMPLE		U2		STM32	1