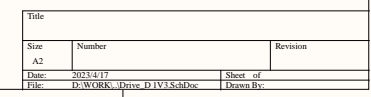
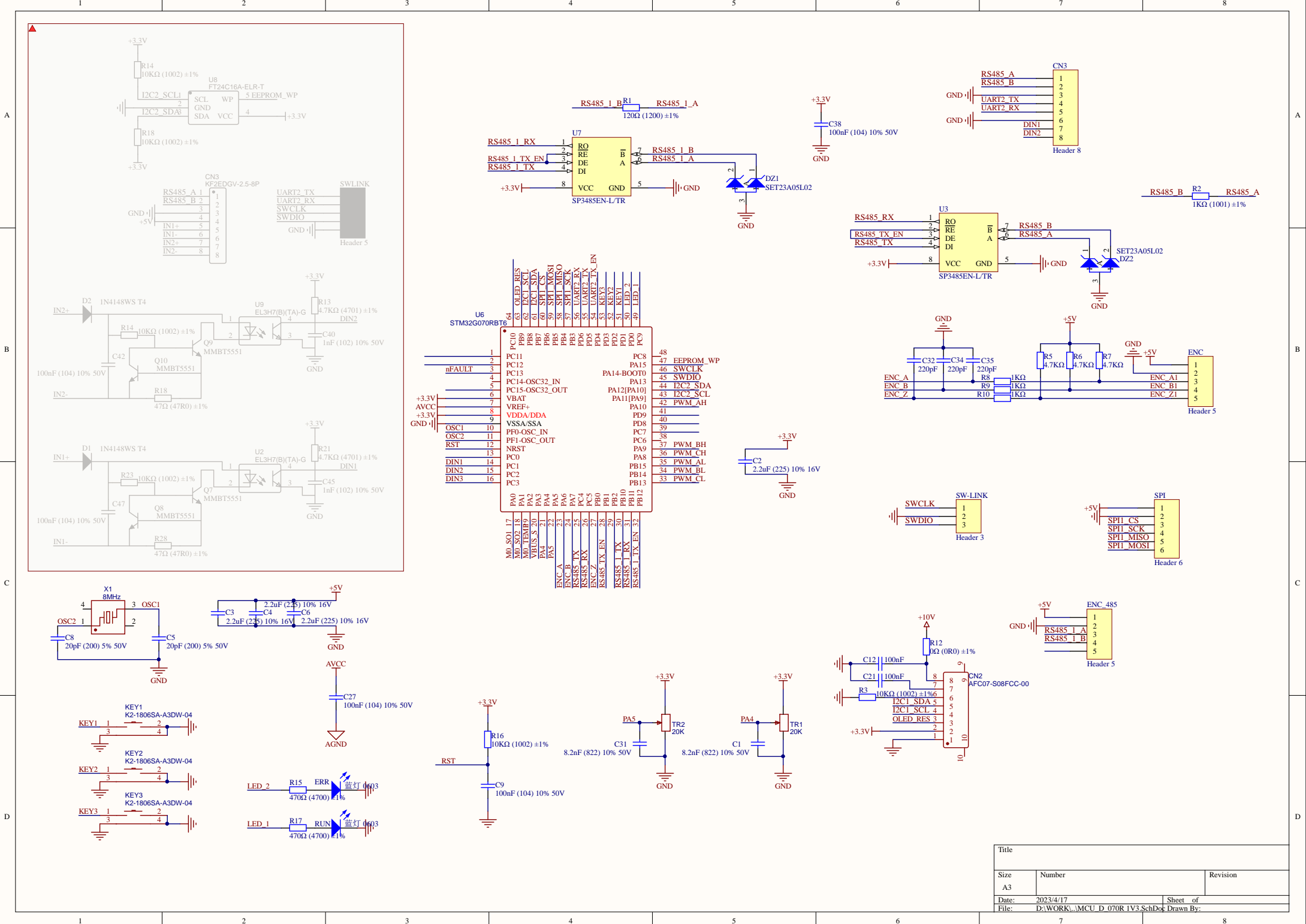
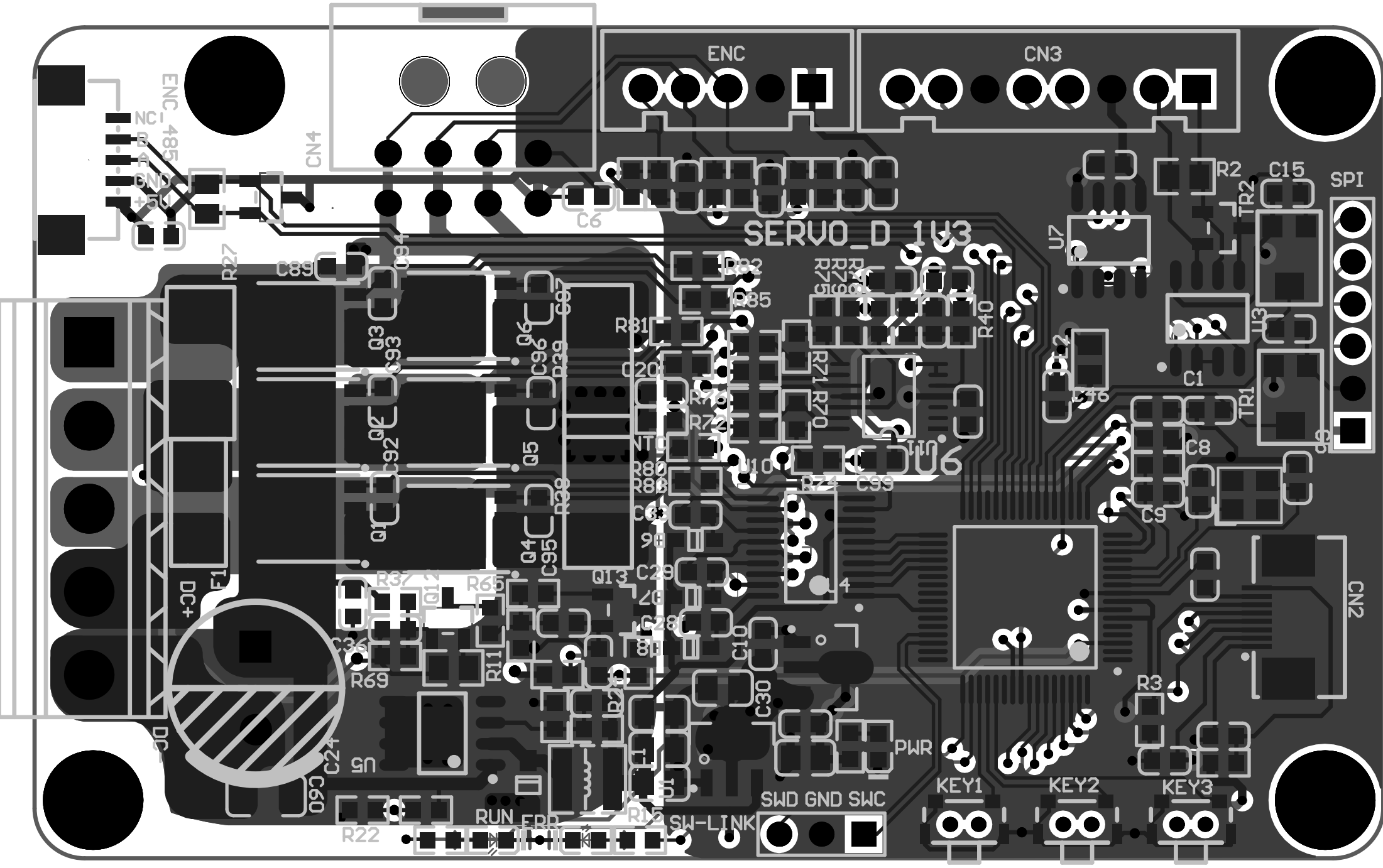


Title		
Size	Number	Revision
A4		
Date:	2023/4/17	Sheet of
File:	D:\WORK\...\Current_D 1V0.SchDoc	Drawn By:





Title		
Size	Number	Revision
A3	2023/4/17	1
Date:	2023/4/17	Sheet of
File:	D:\WORK\MCU D 070R 1V3.SchDot	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
8.2nF (822) 10% 50V	贴片电容	C1, C31	0603_C	0603 8.2nF (822) 10% 50V	2
2.2uF (225) 10% 16V	贴片电容	C2, C3, C4, C6	0603_C	0603 2.2uF (225) 10% 16V	4
20pF (200) 5% 50V	贴片电容	C5, C8	0603_C	0603 20pF (200) 5% 50V	2
100nF (104) 10% 50V	贴片电容	C9, C10, C11, C13, C15, C19, C20, C27, C28, C29, C33, C36, C37, C38, C39, C46	0603_C	0603 100nF (104) 10% 50V	16
100nF	贴片电容	C12, C21	0603_C	0603 100nF (104) 10% 50V	2
22uF (226) 20% 25V	贴片电容	C14, C30, C43, C44, C101	0805_C	0805 22uF (226) 20% 25V	5
100uF		C24	CE-5.0*10*12.5 - BK	100uF	1
33nF (333) 10% 50V	贴片电容	C26	0603_C	0603 10nF (103) 10% 50V	1
220pF	贴片电容	C32, C34, C35	0603_C	0603 220pF (221) 10% 50V	3
1nF (102) 10% 50V	贴片电容	C41	0603_C	0603 1nF (102) 10% 50V	1
1uF 100V	贴片电容	C60	1206_C	1206 10uF (106) 10% 50V	1
100nF (104) 10% 100V	贴片电容	C89, C90	0603_C	0603 100nF (104) 10% 50V	2
2.2nF (222) 10% 50V	贴片电容	C92, C93, C94, C96, C96, C97	0603_C	0603 2.2nF (222) 10% 50V	6
220pF (221) 10% 50V	贴片电容	C99, C100	0603_C	0603 220pF (221) 10% 50V	2
JL500-50005G01		CN1	CONN-TH_JL500-50005G01	JL500-50005G01	1
AFCD7-508FCC-00		CN2	AFCD7-508FCC-00	KH-CL0.5-H2 0-8PS	1
Header 8	Header, 8-Pin	CN3	XH2.54-U-8P	Header 8	1
X3025WR-2x04-46SN		CN4	CONN-TH_X3025WR-2-04-46SN	X3025WR-2x04-46SN	1
DSS110	肖特基二极管	D2	SOD-123	SOD-123 B5819W SL	1
1N4148WS T4	二极管	D6, D7, D8	SOD-323	SOD-323 1N4148WS T4	3
SET23A05L02	ESD二极管 5V/5uA/SOT-23 Brightkink SET23A05L02	DZ1, DZ2	SOT-23(SOT-23-3)	PSOT15C	2
Header 5	Header, 5-Pin	ENC	XH2.54-U-5P	Header 5	1
Header 5	Header, 5-Pin	ENC_485	GH 1.25 -5p-90	Header 5	1
蓝灯 0603	发光二极管	ERR, PWR, RUN	0603_LED_S1	0603 蓝灯	3
Fuse	Fuse	F1	R2010_M	Fuse 2	1
Socket	Socket	J1, J2, J3, J4	PCBComponent_1	Socket	4
K2-1806SA-A3DW-04		KEY1, KEY2, KEY3	KEY-SMD_K2-1806SA-AXXX-XX	K2-1806SA-A3DW-04	3
22uH	INDUCTOR 22UH 1.4A 175.5 MOHM	L1	NR4020	NR6028T220M	1
10uH ±10%	贴片电感	L2	0805_L	0805 10uH 10%	1
10k	THERMISTOR 10K OHM NTC 0402 SMD	NTC	0603_R	NCP15XH103F03RC	1
	BSC067	Q1, Q2, Q3, Q4, Q5, Q6	PG-TDSON-8	NTMF54935MT1G	6
MMBT5401 2L	三极管	Q12	SOT-23(SOT-23-3)	SOT-23 MMBT5401 2L	1
MMBT5551 G1	三极管	Q13	SOT-23(SOT-23-3)	SOT-23 MMBT5551 G1	1
120K (1200) ±1%	贴片电阻	R1	0805_R	0805 120K (1200) 1%	1
1KQ (1001) ±1%	贴片电阻	R2	0805_R	0805 1KQ (1001) 1%	1
10KQ (1002) ±1%	贴片电阻	R3, R16, R20, R24, R29, R69, R70, R71, R78, R79	0603_R	0603 10KQ (1002) 1%	10
4.7KQ	贴片电阻	R5, R6, R7	0603_R	0603 4.7KQ (4701) 1%	3
1KQ	贴片电阻	R8, R9, R10	0603_R	0603 1KQ (1001) 1%	3
0Q (0R0) ±1%	贴片电阻	R11	0805_R	0805 0Q (0R0) 1%	1
0Q (0R0) ±1%	贴片电阻	R12	0603_R	0603 0Q (0R0) 1%	1
470Q (4700) ±1%	贴片电阻	R15, R17, R19, R22	0603_R	0603 470Q (4700) 1%	4
1.5KQ (1501) ±1%	贴片电阻	R26	0603_R	0603 1.5KQ (1501) 1%	1
10mOhm	RES SMD 0.0005 OHM 1% 3W 2512	R27	R2512_M	CSR2512C0R00005F	1
2KQ (2001) ±1%	贴片电阻	R37, R68	0603_R	0603 2KQ (2001) 1%	2
500uOhm	RES SMD 0.0005 OHM 1% 3W 2512	R38, R39	R2512_M	CSR2512C0R00005F	2
18KQ (1802) ±1%	贴片电阻	R40	0603_R	0603 18KQ (1802) 1%	1
1KQ (1001) ±1%	贴片电阻	R63, R67, R72, R73, R74, R75, R76, R77	0603_R	0603 1KQ (1001) 1%	8
22Q (22R0) ±1%	贴片电阻	R64	0603_R	0603 22Q (22R0) 1%	1
47KQ (4702) ±1%	贴片电阻	R65	0603_R	0603 47KQ (4702) 1%	1
20KQ (2002) ±1%	贴片电阻	R66	0603_R	0603 20KQ (2002) 1%	1
5.1Q	贴片电阻	R80, R81, R82, R83, R84, R85	0603_R	0603 5.1Q (5R10) 1%	6
Header 6	Header, 6-Pin	SPI	HDR1X6	Header 6	1
Header 3	Header, 3-Pin	SW-LINK	HDR1X3	Header 3	1
20K		TR1, TR2	3303W	20K	2
AMS1117-5.0	低压差线性稳压器 (LDO)	U1	SOT89_M	SOT-223 AMS1117-5.0	1
SP3485EN-L/TR	RS-485/RS-422	U3, U7	SOP-8, 150mil	SP3485EN-L/TR [C8963]	2
AMS1117-3.3	低压差线性稳压器 (LDO)	U4	SOT89_M	SOT-223 AMS1117-3.3	1
XL7005A		U5	LM5164	XL7005A	1
STM32G070RBT6		U6	LOFP64_N	STM32G070RBT6	1
FD6288T		U10	TSSOP20_M	FD6288T	1
LMV324		U11	TSSOP14_L	LMV324	1
8MHz		X1	OSC-3225-4P	8MHz	1