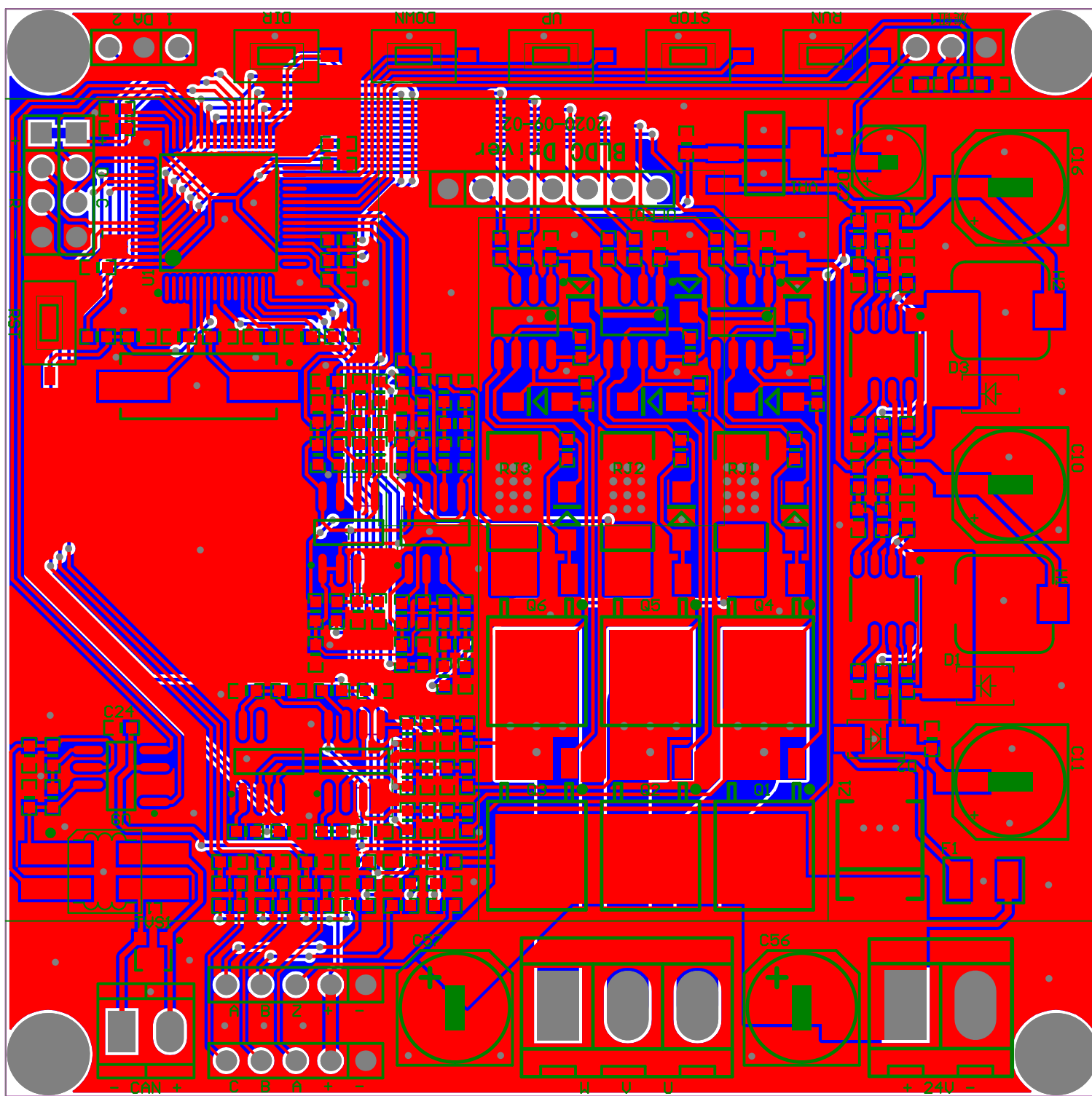


无刷电机控制板		
Title	Number	Revision
Size	A3	
Date	2020/9/9	
File	无刷电机的目录_原理图SchDoc	Sheet: 4 of 4
	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
HEADER 4		+ D C -, + T R -	PIN-SOCKET-4	HEADER 4	2
CON2		+ 24V -	H2DG128-5.08	CON2	1
CON2		- CAN +	KF350-2p	CON2	1
HEADER 3		1 DA 2, 旋钮1	CHAJIAN_SIP3	HEADER 3	2
Encoder		A B Z + -	CHAJIAN_SIP5	HEADER 5	1
HALL		C B A + -	CHAJIAN_SIP5	HEADER 5	1
22pF		C1, C6, C23, C25	0603P	C	4
104		C2, C3, C4, C5, C7, C8, C9, C12, C13, C15, C17, C18, C21, C22, C24, C32, C33, C34, C35, C36, C37, C38, C39, C40, C42, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C58, R2, R3	0603P	C	40
Cap electro	Electrolytic Capacitor	C10, C11, C16, C56, C57	SMC-EC-F8*10.8	Cap electro	5
330pF		C14, C19	0603P	C	2
Cap electro	Electrolytic Capacitor	C20	SMC-EC-F5*5.5	Cap electro	1
10uF		C26, C27, C28, C29, C30, C31, C41, C43, C59	0603P	C	9
SS34		D1, D3	DO-214AC	DIODE	2
M7		D2	DO-214AC	DIODE	1
1N4148		D4, D5, D6, D7, D8, D9, D10, D11, D12	DIODE_SOP	D	9
KEY_M		DIR, DOWN, RST, RUN, STOP, UP	KEY_SOP3625	KEY_M	6
Res2	Resistor	F1	1210	Res2	1
Inductor	电感	H1, H2	L-SMD-7	Inductor	2
MP2565		IC1, IC2	LC-SOIC-8_EP_150mil	MP2565	2
JZ		JZ1	JZ_SMD	JZ	1
ZJY51R5-2PT-01		L1	ZJY51R5-2P-01	INDUCTOR1	1
HEADER 7		OLED1	CHAJIAN_SIP7	HEADER 7	1
NCE3080K	N-Channel MOSFET	Q1, Q2, Q3, Q4, Q5, Q6	TO252-3 - NCE3080	MOSFET-N	6
10K		R4, R17, R23, R51, R52, R77, R78, R79	0603P	R	8
10uH		R5, R6	0603P	R	2
200K		R7, R13, R14	0603P	R	3
715K		R8	0603P	R	1
100K		R9, R11, R16, R19	0603P	R	4
40.2K		R10, R18	0603P	R	2
47.5K		R12, R20	0603P	R	2
210K		R15	0603P	R	1
1K		R21, R22, R24, R25, R26, R48, R49, R50, R54, R55, R56, R57, R58, R61, R62, R63, R64, R65, R68, R69, R70, R71, R72, R74, R75, R76, R80, R81, R82	0603P	R	29
100R		R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38	0603P	R	12
62K		R39, R41, R43	0603P	R	3
2.4K		R40, R42, R44, R45, R46, R47	0603P	R	6
33K		R53, R59, R60, R66, R67, R73	0603P	R	6
Res2	Resistor	RJ1, RJ2, RJ3	R2512	Res2	3
NUP2105	Dual Line CAN Bus Protector	TVS1	SOT-23	NUP2105	1
STM32F405RGT6		U1	LQFP-64_L10.0-W10.0-P0.50-LS12.0-BL	STM32F405RGT6	1
IR2101		U2, U3, U4	SOIC-8_150mil	IR2101	3
SGM8632	双运放	U5, U6, U7, U8	SOIC-8	LM358	4
TJA1050	High Speed Low Power CAN Transceiver	U9	SOP8	NCV7340	1
AMS1117-3.3		VR1	ASM1117	LM1117_3.3	1
CON3		W V U	H3dg128-5.08	CON3	1
SMCJ36CA		Z1	SM5S33A	ZENER2	1