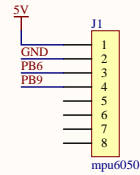
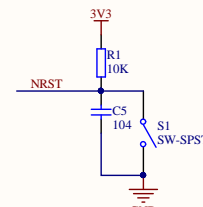


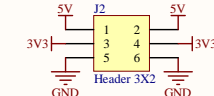
系统供电稳压



姿态传感器

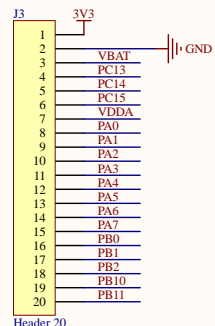


系统复位

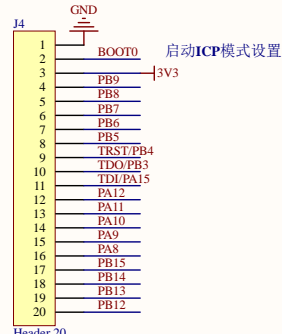


扩展供电接口

CPU系统

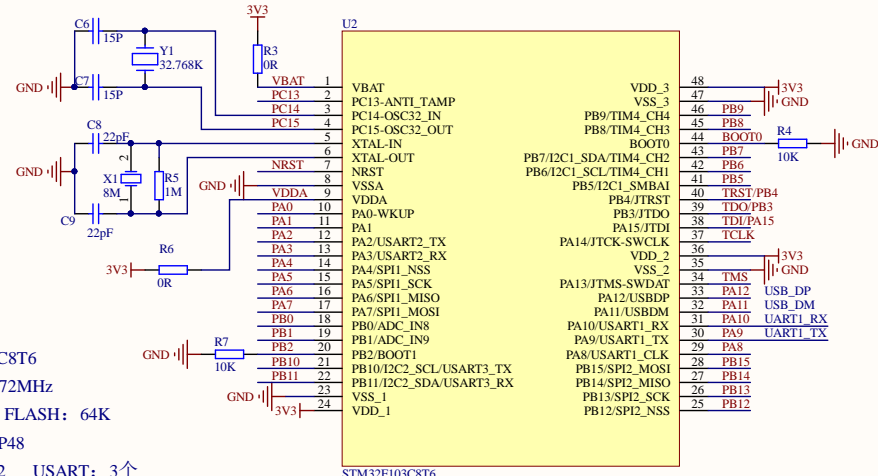


Header 20



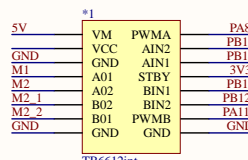
Header 20

启动ICP模式设置

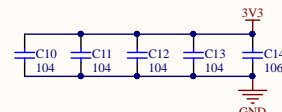


STM32F103C8T6

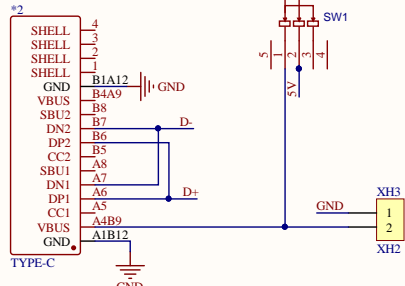
CPU简介
STM32F103C8T6
CPU频率: 72MHz
RAM: 20K FLASH: 64K
封装: LQFP48
通用I/O: 32 USART: 3个
SPI: 2个 USB: 1个
CAN: 1个 IIC: 2个
12位同步ADC: 2组 10通道
工作电压: 2.0至3.6V
具体详细功能分配请以数据手册为准



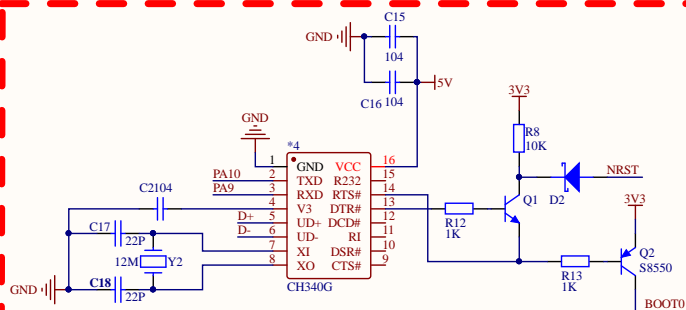
电机驱动模块



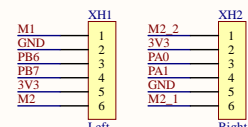
通用I/O接口



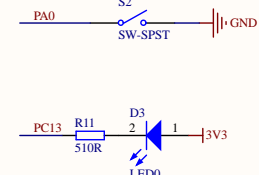
供电及STM32-USB Slave



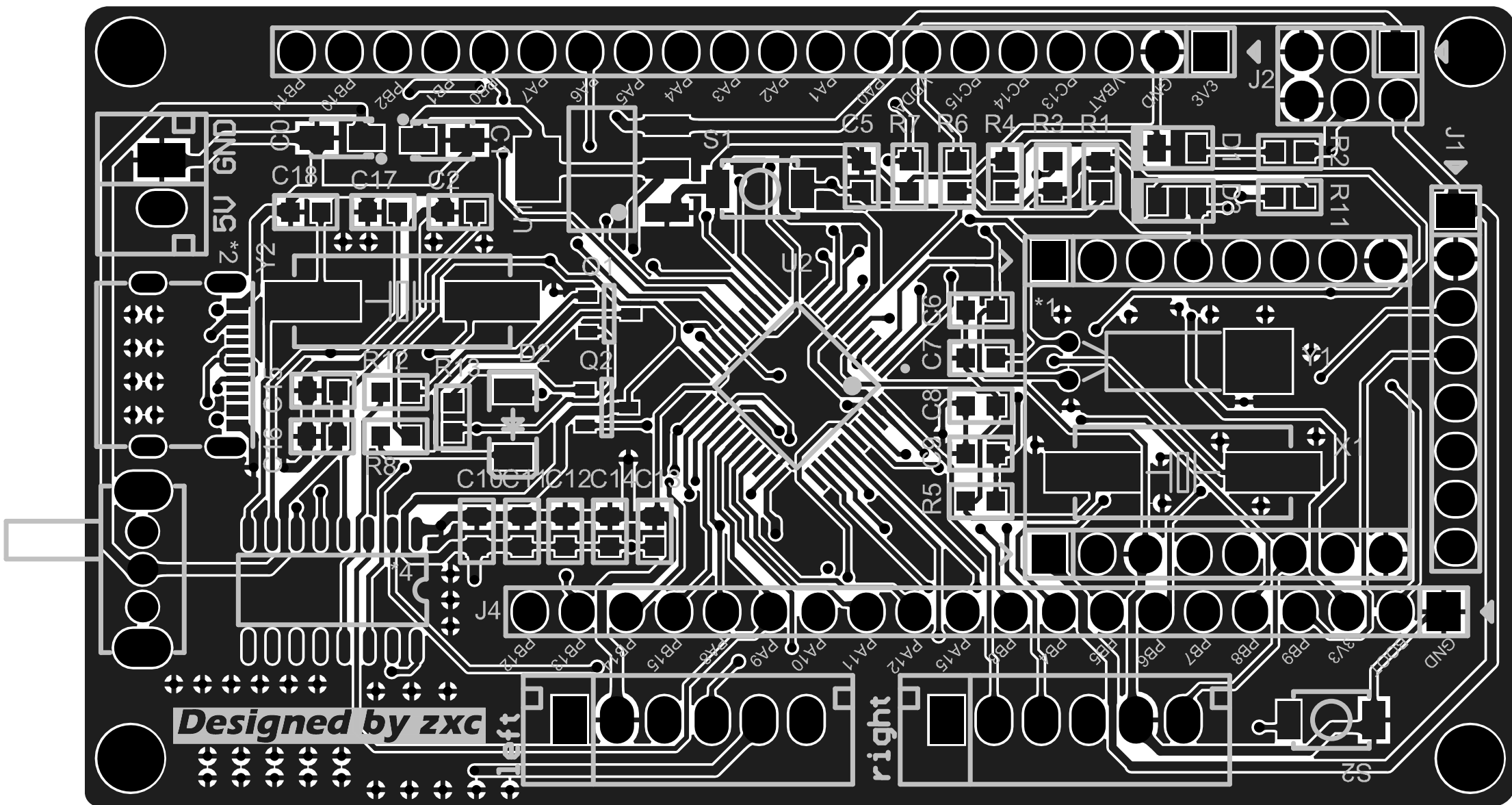
USB-TTL一键下载



电机接口



按键和LED灯



Comment	Description	Designator	Footprint	LibRef	Quantity
TB6612int		*1	TB6612int	TB6612int	1
TYPE-C		*2	TYPE-C	TYPE-C	1
CH340G		*4	SOIC-16 L9.9-W3.9	CH340G	1
10uF	Capacitor	C0	CAP-TANTALUM-A	CAPACITOR POL	1
10uF	Capacitor	C1	CAP-TANTALUM-A	CAPACITOR POL	1
104	Capacitor	C2	603	Cap	1
104	Capacitor	C5	603	CAP1	1
15P		C6	603	CAP	1
15P		C7	603	CAP	1
22pF	Capacitor	C8	603	CAP1	1
22pF	Capacitor	C9	603	CAP1	1
104	Capacitor	C10	603	CAP1	1
104	Capacitor	C11	603	CAP1	1
104	Capacitor	C12	603	CAP1	1
104	Capacitor	C13	603	CAP1	1
106	Capacitor	C14	603	CAP1	1
104	Capacitor	C15	603	Cap	1
104	Capacitor	C16	603	Cap	1
22P		C17	603	CAP	1
22P		C18	603	CAP	1
LED0	Typical INFRARED G	D1	LED-0805	LED0	1
DIODE SCHOTTKY	肖特基二极管	D2	LL34	DIODE SCHOTTKY	1
LED0	Typical INFRARED G	D3	LED-0805	LED0	1
mpu6050	Connector	J1	PIN-8-2.54-1.0	HDR1x8	1
Header 3X2	Header, 3-Pin, Dual	J2	PIN-2x3-2.54-1.0	Header 3X2	1
Header 20	Header, 20-Pin	J3	PIN-20-2.54-1.0	Header 20	1
Header 20	Header, 20-Pin	J4	PIN-20-2.54-1.0	Header 20	1
MMBT2222A	NPN Bipolar Transist	Q1	SOT-23	MMBT2222A	1
S8550	NPN Bipolar Transist	Q2	SOT-23	PNP	1
10K		R1	603	R	1
510R		R2	603	R	1
0R		R3	603	R	1
10K		R4	603	R	1
1M		R5	603	R	1
0R		R6	603	R	1
10K		R7	603	R	1
10K	Resistor	R8	603	Res2	1
510R		R11	603	R	1
1K	Resistor	R12	603	Res2	1
1K	Resistor	R13	603	Res2	1
SW-SPST	Single-Pole, Single-T	S1	KEY-SWD-3X4X2	SW-SPST	1
SW-SPST	Single-Pole, Single-T	S2	KEY-SWD-3X4X2	SW-SPST	1
SK12D07VG5		SW1	SW-TH_SK12D07VG	SK12D07VG5	1
AMS1117-3.3		U1	SOT223	LT1085CM-3.3	1
STM32F103C8T6		U2	QFP-48-0.5	STM32F103C8T6	1
8M	Crystal Oscillator	X1	OSC HC-49SMD	XTAL_SMD	1
Left		XH1	XH6/2.54mm/180	XH6	1
Right		XH2	XH6/2.54mm/180	XH6	1
XH2		XH3	XH2/2.54mm/180	XH2	1
32.768K	晶振	Y1	OSC-3x8-WI-B	CRYSTAL	1
12M	晶振	Y2	OSC HC-49SMD	CRYSTAL	1