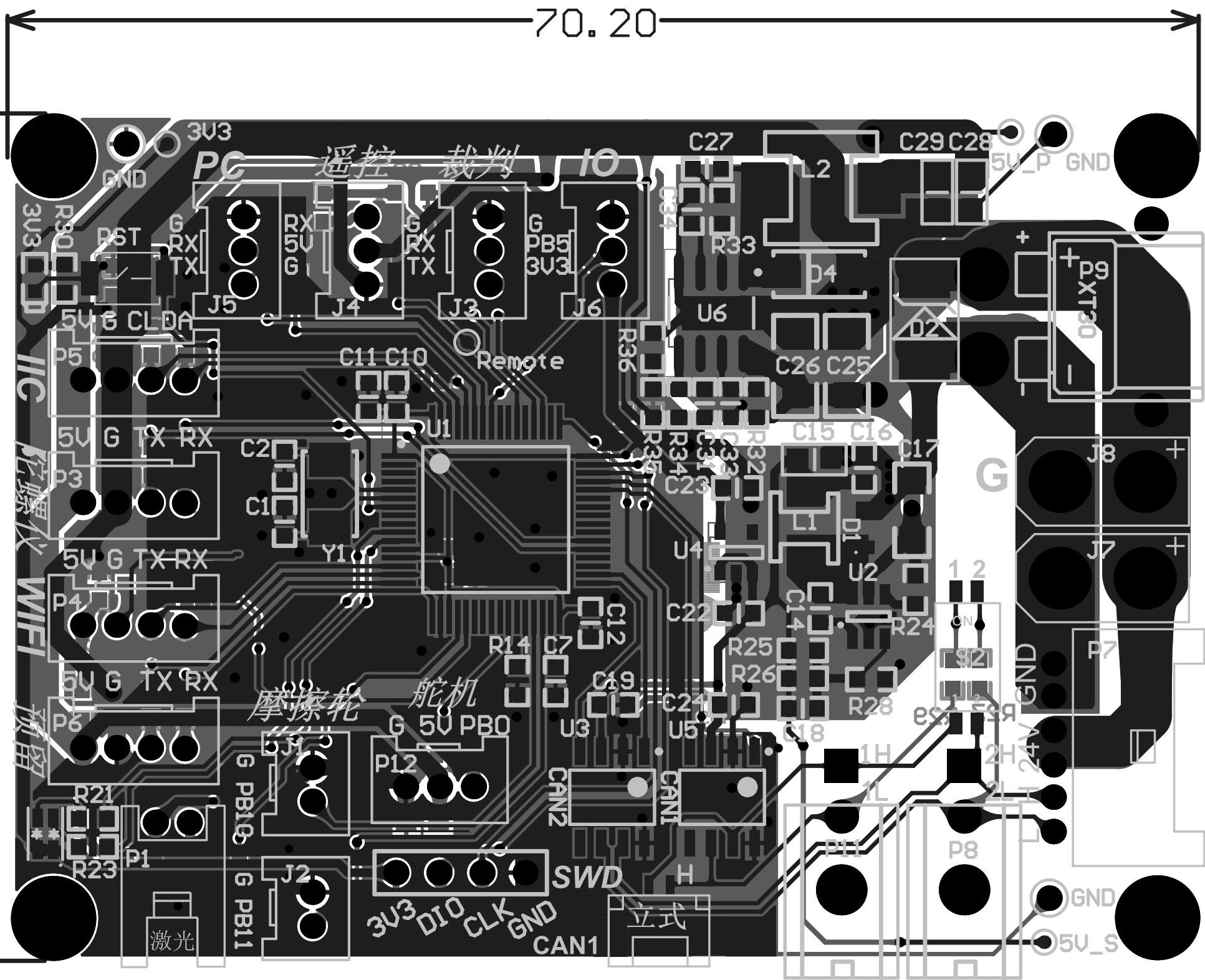


Title		
Size	Number	Revision
A3		
Date:	2018/3/21	Sheet of
File:	C:\Users\...步长主控 V1.0_SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
LED_RED	Typical RED, GREEN, YELLOW, AMBER GaAs LED	3V3	0603LED_B	LED	1
TP	Test Point	3V3, 5V_P, 5V_S, Remote	TP_SMT	TP	4
18p		C1, C2	0603C	Cap	2
10uF	Capacitor, Capacitor, [NoValue], [NoValue]	C3, C6, C22, C23	0603C	Cap	4
100nf	[NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], [NoValue], Capacitor, Capacitor	C4, C8, C9, C10, C11, C12, C13, C19, C24	0603C	Cap	9
2.2uf		C5, C7	0603C	Cap	2
1uF/0603/50V	Capacitor	C14, C16, C18	0603C	Cap	3
1uF/0603/50V	Capacitor	C15	0805C	Cap	1
1uF/0603/50V	Capacitor	C17	1206C	Cap	1
22uF		C25, C26	1206	Cap	2
0.1uF		C27	0603C	Cap	1
22uF		C28, C29	0805	Cap	2
33pF		C31	0603C	Cap	1
1uF/0603/50V	Capacitor	C32	0805	Cap	1
1uF		C33, C34	0603C	Cap	2
SS34	Schottky Diode	D1	SOD-323	D Schottky	1
SMBJ5.0A	TVS	D2	SMB/DO-214AA	SMBJ	1
TVS		D3	SOD-323	TVS	1
SS54	Schottky Diode	D4	SMA/DO-214AC	D Schottky	1
TP	Test Point	GND	TP_VIA	TP	3
MX3.0_2X1		J1, J2	HY2.00MM 2X1_立 式	MX3.0_2X1	2
CON3		J3, J4, J5, J6	HY2.00MM 3x1 立式	CON3	4
XT30 立式		J7, J8	XT30 立式	XT30	2
10mH/0402	Inductor	L1	0420L	Inductor	1
Inductor	Inductor	L2	0630L	Inductor	1
Double_Color LED		LED1	0805LEDX2	Double_Color LED	1
MX3.0_2X1		P1	HY2.00MM 2X1	MX3.0_2X1	1
SWD	Header, 4-Pin	P2	HEADER 4x1	Header 4	1
陀螺仪	Header, 4-Pin	P3	HY2.00MM 4X1 立式	Header 4	1
WiFi	Header, 4-Pin	P4	HY2.00MM 4X1 立式	Header 4	1
IIC	Header, 4-Pin	P5	HY2.00MM 4X1 立式	Header 4	1
	Header, 4-Pin	P6	HY2.00MM 4X1 立式	Header 4	1
Header 6	Header, 6-Pin	P7	HX20018-WA(PA)	Header 6	1
MX3.0_2X1		P8, P11	MX3.0MM 2X1AW	MX3.0_2X1	2
Header 2	Header, 2-Pin	P9	XT30PW-Male	Header 2	1
Header 3	Header, 3-Pin	P12	HY2.00MM 3x1 立式	Header 3	1
2300	N-Channel Power MOSFET	Q1	SOT-23-3	NMOS_3p	1
8050	NPN 贴片	Q2	SOT-23-3	8050(NPN)/SMT	1
NMOS	N-Channel Power MOSFET	Q3	SOT-23-3	NMOS(SOT23)	1
5.1R	Resistor	R1, R13	0603R	Res1	2
10k	Resistor, Res, Resistor, Res, Res, Resistor, Resistor, Resistor, Resistor, Res	R2, R3, R4, R5, R14, R18, R19, R21, R23, R32	0603R	Res1, Res, Res1, Res, Res, Res1, Res1, Res1, Res1, Res	10
560	Resistor	R6, R17, R30	0603R	Res1	3
4.7k	Resistor	R7, R10	0603R	Res1	2
15	Resistor	R8, R12, R15, R16	0603R	Res1	4
0	Resistor	R9, R11, R20, R22	0603R	Res1	4
Res1	Resistor	R24, R26	0603R	Res1	2
1%	Resistor	R25, R28	0603R	Res1	2
120	Resistor	R27, R29	0603R	Res1	2
100R	Resistor	R31	0603R	Res1	1
10	Res	R33	0603R	Res	1
100k	Res	R34	0603R	Res	1
68k	Res	R35	0603R	Res	1
7.68k	Res	R36	0603R	Res	1
SW_PB	Switch	R5T	SW 3mmx4mm	SW_PB	1
SW_DIP		S2	SW_DIP_2X2	SW_DIP	1
STM32F405RGT6	STM32F405RGT6	U1	LQFP_64	STM32F405RGT6	1
MP2451	开关电源0.6A	U2	SOT23-6	MP2451	1
TJA1050		U3, U5	D8_NoThermal	TJA1050	2
SPX5205M5-3.3V		U4	SOT-23-5 L	SPX5205M5-3.3V	1
MP2482DN	开关电源5A	U6	SOIC8E	MP2482DN	1
XTAL	Crystal Oscillator	Y1	NX5032GA	XTAL	1
GH1.25		立式	A1254-02AWB	GH1.25	1