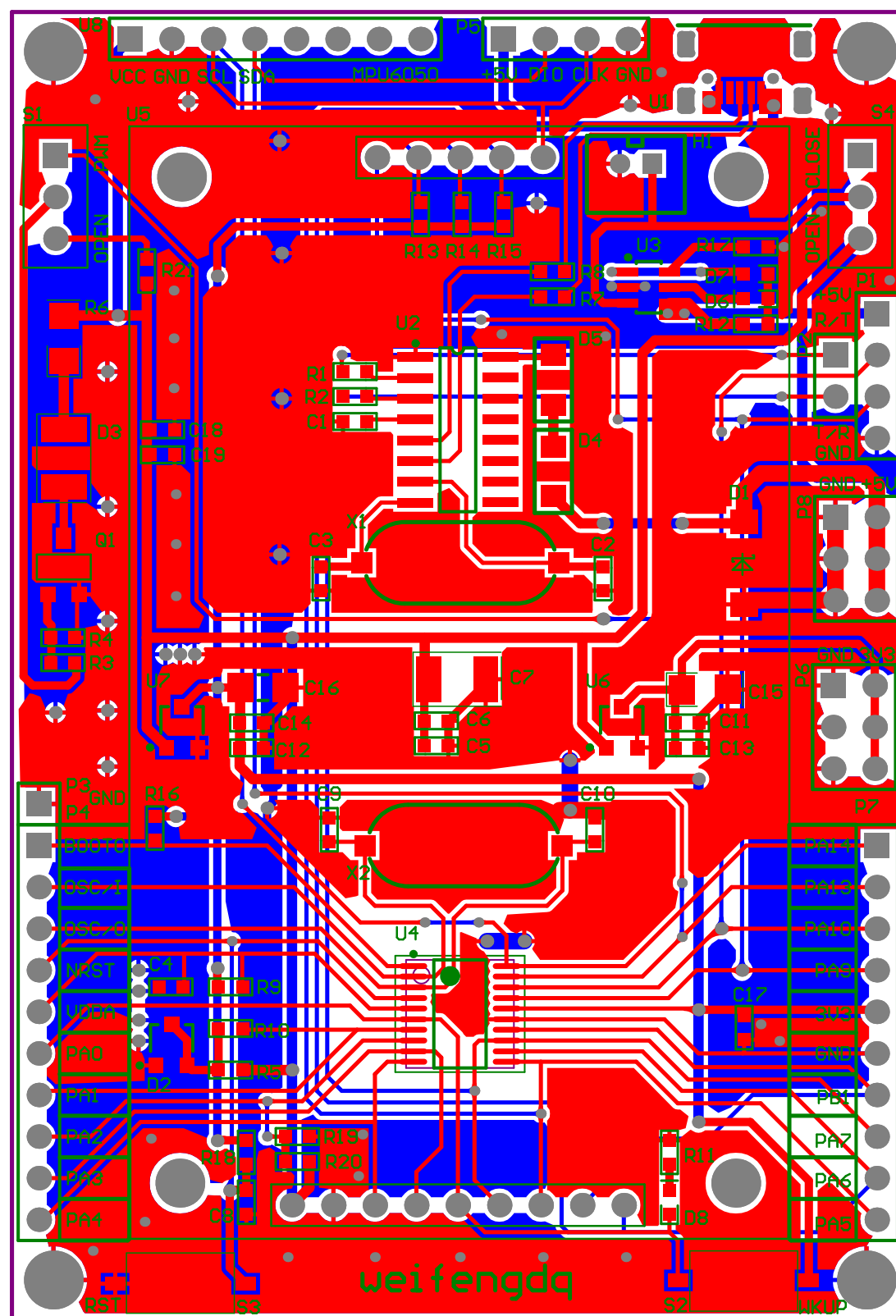


Title		
Size	Number	Revision
A4		
Date:	1/5/2015	Sheet of
File:	D:\Program Files(x86)\STM32F030F4P6	SubBy:



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap1	Capacitor	C1, C2, C3, C4, C5, C6, C8, C9, C10, C11, C12, C13, C14, C17, C18, C19	0603	Cap1	16
Cap_Pol	Capacitor	C7	3528(22u16V铝电容)	Cap_Pol	1
Cap_Pol	Capacitor	C15, C16	3216[1206]	Cap_Pol	2
SMBJ5.0CA		D1	TVS	TVS	1
TL431		D2	SOT-23	TL431-SOT23	1
3528LED	Typical INFRARED GaAs LED	D3	3528(22u16V铝电容)	LED1	1
1N4148	Default Diode	D4, D5	1N4148	1N4148	2
Green	Typical INFRARED GaAs LED	D6	0603-Polar	LED1	1
Red	Typical INFRARED GaAs LED	D7	0603-Polar	LED1	1
LED1	Typical INFRARED GaAs LED	D8	0603-Polar	LED1	1
2.0mm		H1	H2-防反 2.0	H2-防反	1
Header 4	Header, 4-Pin	P1, P5	HDR1X4	Header 4	2
Header 2	Header, 2-Pin	P2	HDR1X2	Header 2	1
TEST		P3	HDR1X1	TEST	1
Header 10	Header, 10-Pin	P4, P7	HDR1X10	Header 10	2
Header 3X2	Header, 3-Pin, Dual row	P6, P8	HDR2X3	Header 3X2	2
NMOS	N-Channel Power MOSFET	Q1	SOT-23-3 - AO3400	NMOS	1
Res1	Resistor	R1, R2, R3, R4, R5, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21	0603	Res1	20
Res1	Resistor	R6	3216[1206]	Res1	1
SW3	Switch	S1, S4	SW-3	SW3	2
SW-PB_1	Switch	S2, S3	SW-2	SW-PB_1	2
Micro-USB		U1	MICRO-USB-F	Micro-USB	1
CH340G	USB2UART	U2	SOP16M	CH340G	1
TP4057		U3	SOT-23-6	TP4057	1
STM32F030F4P6		U4	TSSOP20	STM32F030F4P6	1
LCD2.2		U5	LCD2.2 _2	LCD2.2	1
XC6206P302		U6, U7	SOT-23	662k	2
MPU6050		U8	HDR1X8	MPU6050_1	1
12M	Crystal Oscillator	X1	XTAL_SMD	XTAL_1	1
8M_SMD	Crystal Oscillator	X2	XTAL_SMD	XTAL_1	1