



Title		
Size	Number	Revision
A4		
Date:	2016/1/29	Sheet of
File:	D:\PCB\AD\STM32F051C\STM32F051C_Schematic.SchDoc	

Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Capacitor	C1, C4	1206	Cap	2
0.1uF	Capacitor	C2, C3, C5, C6, C7	0805	Cap	5
10pF	Capacitor	C8, C9	0805	Cap	2
22pF	Capacitor	C10, C11	0805	Cap	2
PWR	Typical INFRARED GaAs	D1	LED-0805	LED0	1
RW	Typical INFRARED GaAs	D2	LED-0805	LED0	1
SW-PB	Switch	K1	Key	SW-PB	1
mini USB	Header, 5-Pin	P1	USB-SOCKET-T	Header 5	1
BOOT0	Header, 3-Pin	P2	HDR1X3	Header 3	1
SWD	Header, 4-Pin	P3	HDR1X4	Header 4	1
Header 11X2	Header, 11-Pin, Dual row	P4, P5	HDR2X11	Header 11X2	2
USART	Header, 4-Pin	P6	HDR1X4	Header 4	1
BOOT1	Header, 3-Pin	P7	HDR1X3	Header 3	1
1K	Resistor	R1, R2	0805	Res1	2
10K	Resistor	R3	0805	Res1	1
STM32F051C8T6		U1	TQFP48_N	STM32F051C8T6	1
AMS1117-3.3	Voltage Regulator	U2	AMS1117	Volt Reg	1
32.768K	Crystal Oscillator	Y1	XTAL-3X8	XTAL	1
8M	Crystal Oscillator	Y2	XTAL-49S	XTAL	1