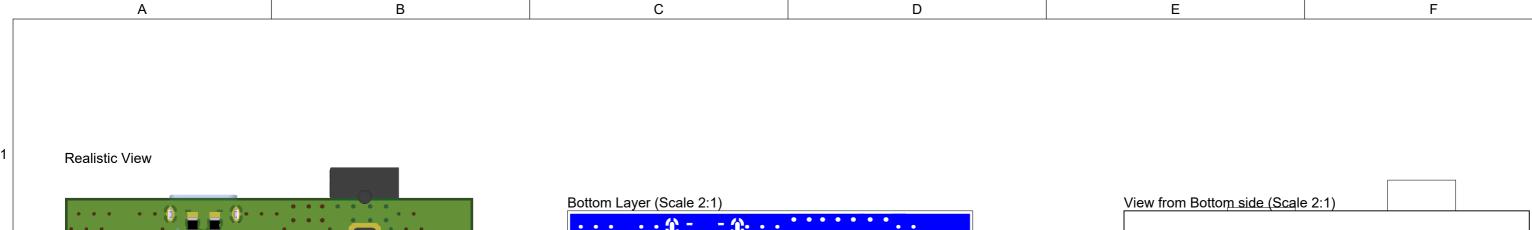


С

В

Α

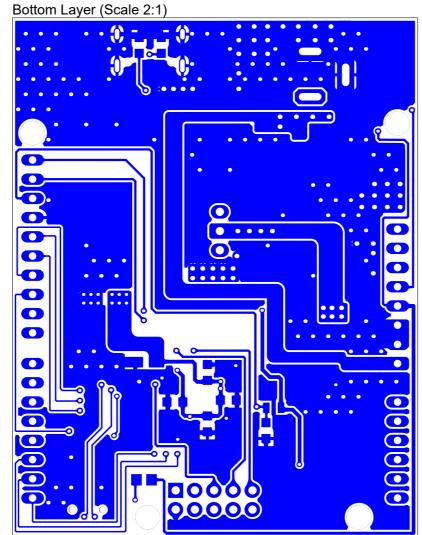
D E

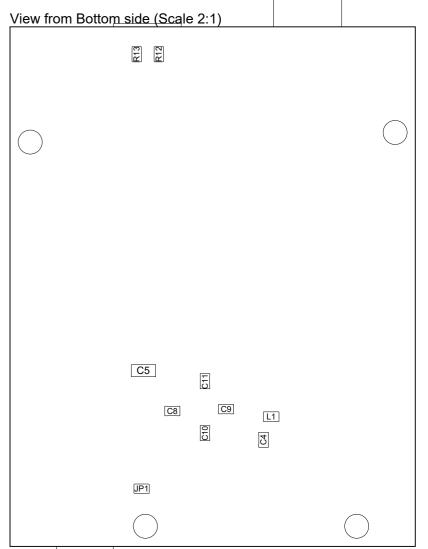


00000000 STM32F103C8 eBoard V1.0 github.com/aKaReZa75 

Α

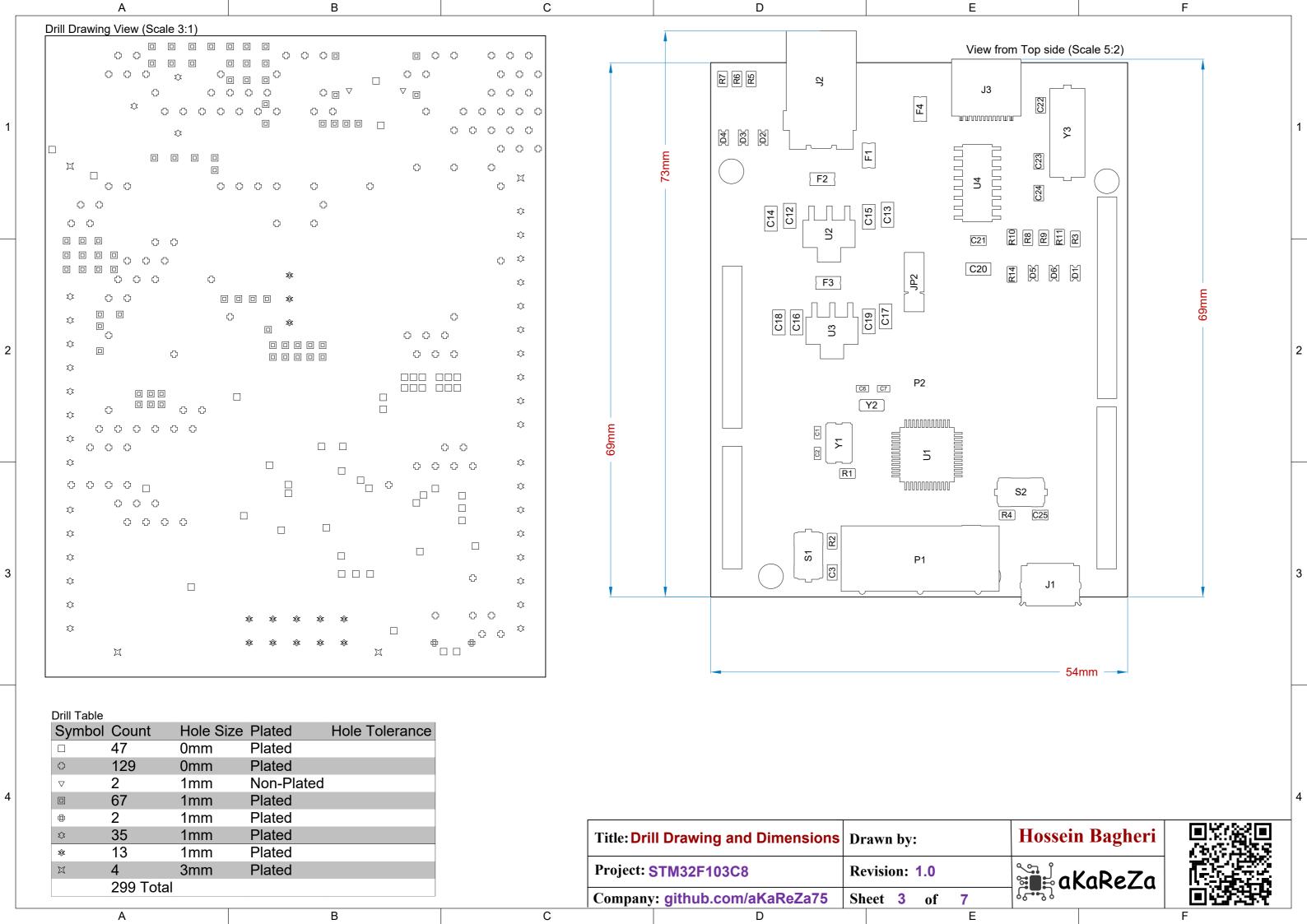
2

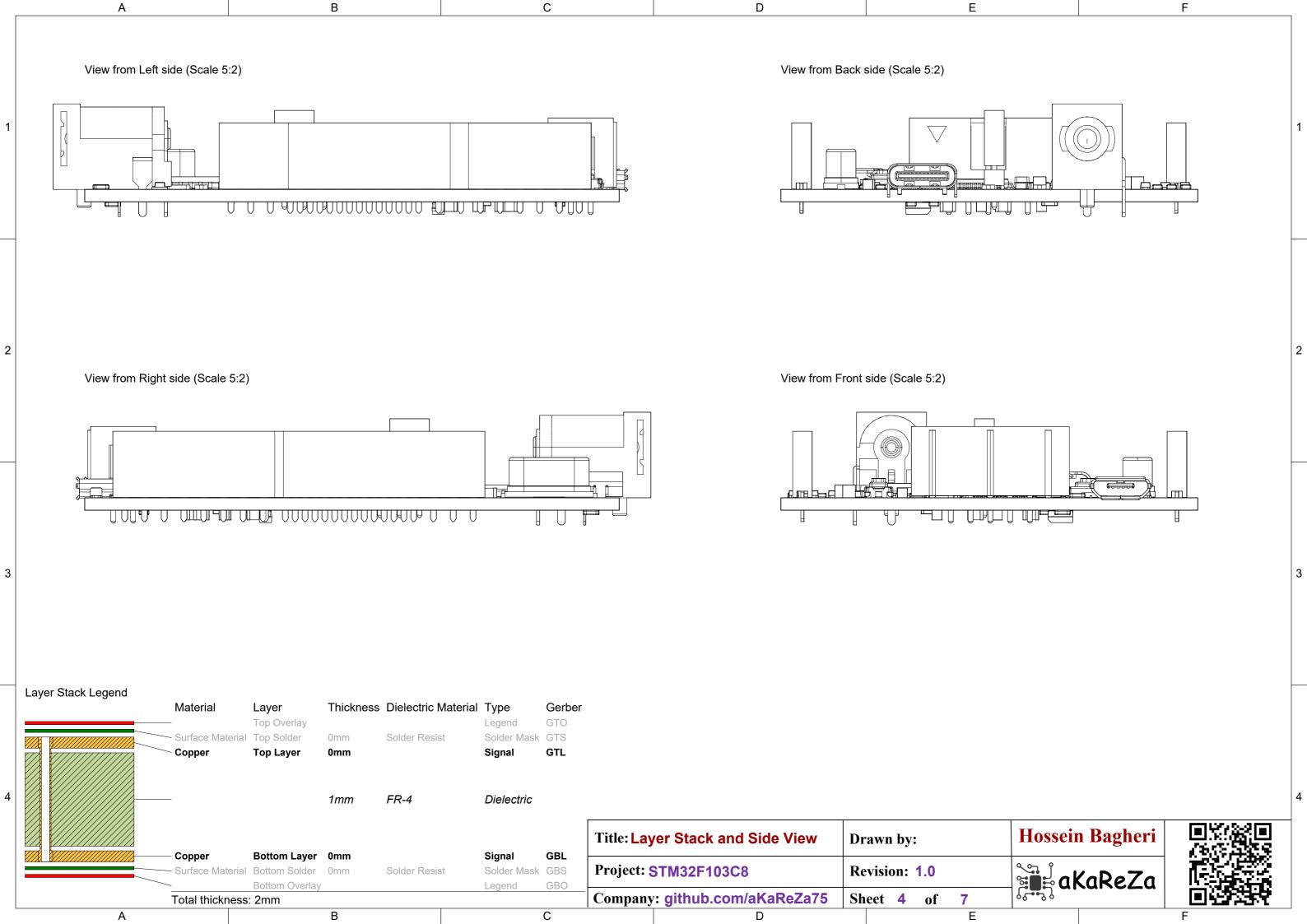


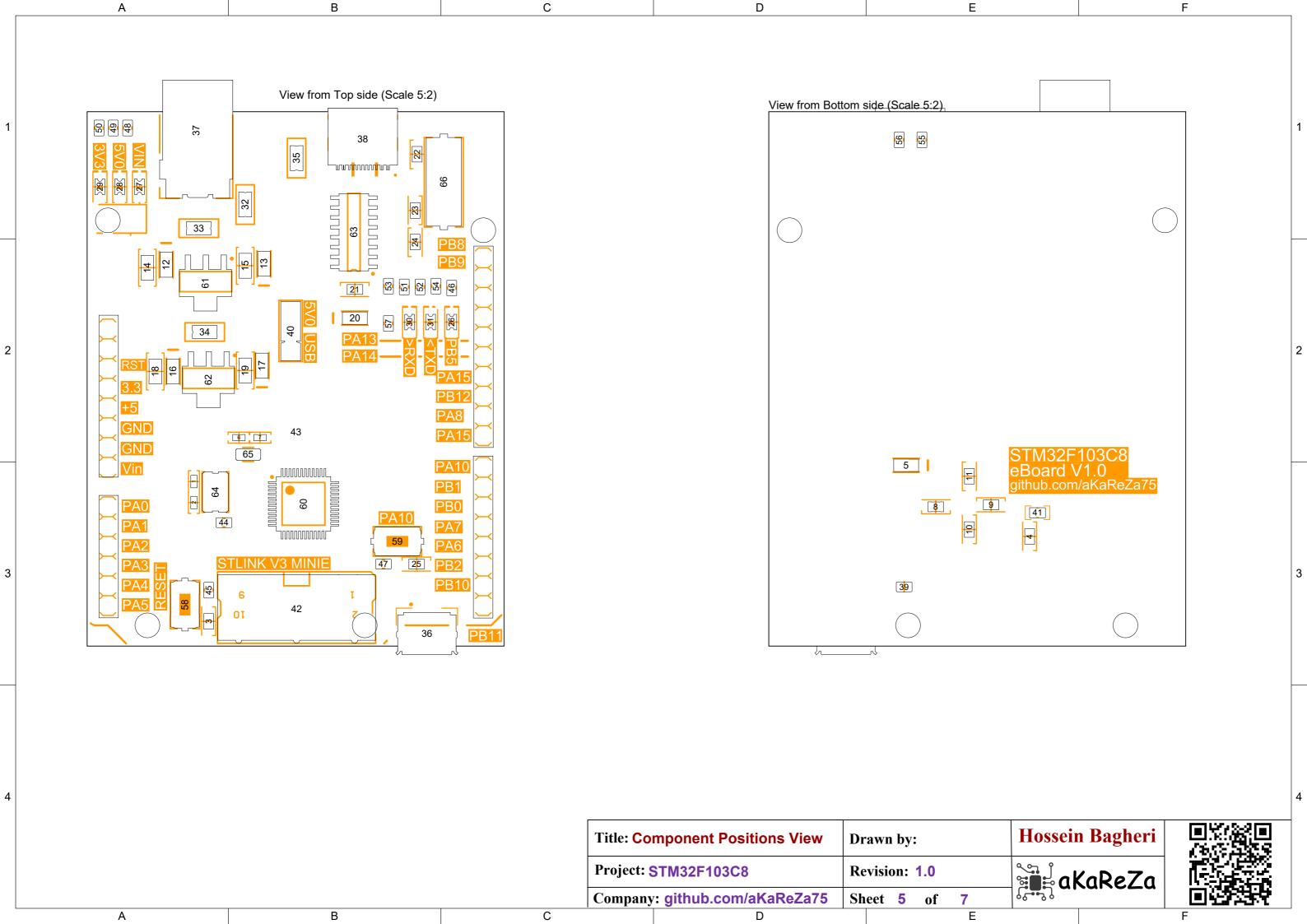


Title: Bottom View	Drawn by:	<b>Hossein Bagheri</b>	■数数 (多数数
Project: STM32F103C8	Revision: 1.0	aKaReZa	
Company: github.com/aKaReZa75	Sheet 2 of 7	وفر عه	

С D В







	Comment	Library Ref	Footprint	Package	Rating	Туре	Value	
C1	33p	Cap_Multi_SMD	CAP 0603/1608	0603	Rating?	Type?	33p	
C2	33p	Cap_Multi_SMD	CAP 0603/1608	0603	Rating?	Type?	33p	_
C3	100n	Cap_Multi_SMD_100nF _0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C4	100n	Cap_Multi_SMD_100nF 0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C5	10u	Cap Tantalum	SMT C Tantalum A	Package?	6.3V	Tantalum	10u	7
C6	18p	Cap_Multi_SMD	CAP 0603/1608	0603	Rating?	Type?	18p	
C7	18p	Cap_Multi_SMD	CAP 0603/1608	0603	Rating?	Type?	18p	
C8	100n	Cap_Multi_SMD_100nF 0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C9	100n	Cap_Multi_SMD_100nF 0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C10	100n	Cap_Multi_SMD_100nF 0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C11	100n	Cap_Multi_SMD_100nF 0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
C12	10u	Cap Tantalum	SMT C Tantalum A	Package?	16V	Tantalum	10u	
C13	22u	Cap_Tantalum	SMT C Tantalum A	Package?	6.3V	Tantalum	22u	
C14	100n	Cap_Multi_SMD_100nF		1206	50V	MultiLayer	100n	
C15	100n	Cap_Multi_SMD_100nF	CAP 1206/3216	1206	50V	MultiLayer	100n	
		_1206			16V			
C16 C17	10u 22u	Cap_Tantalum Cap Tantalum	SMT_C_Tantalum_A SMT_C_Tantalum_A	Package? Package?	16V 6.3V	Tantalum Tantalum	10u 22u	
C18	100n	Cap_Multi_SMD_100nF	CAP 1206/3216	1206	50V	MultiLayer	100n	
C19	100n	Cap_Multi_SMD_100nF	CAP 1206/3216	1206	50V	MultiLayer	100n	
C20	10u	1206 Cap Tantalum	SMT C Tantalum A	Package?	6.3V	Tantalum	10u	_
C21	100n	Cap_Multi_SMD_100nF	CAP 0805/2012	0805	50V		100n	
		_0805				MultiLayer		
C22	22p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	22p	
C23 C24	22p	Cap_Multi_SMD_0805	CAP 0805/2012 CAP 0805/2012	0805 0805	Rating?	MultiLayer	22p 10n	_
	10n	Cap_Multi_SMD_0805 Cap_Multi_SMD_100nF			Rating?	MultiLayer		-
C25	100n	_0805	CAP 0805/2012	0805	50V	MultiLayer	100n	
D1	Green	Semi_LED_SMD	LED 0805/2012 GREEN	Package?	Rating?	LED	Green	
D2	Yellow	Semi_LED_SMD	LED 0805/2012 YELLOW	Package?	Rating?	LED	Yellow	
D3	Red	Semi_LED_SMD	LED 0805/2012 RED	Package?	Rating?	LED	Red	
D4	Green	Semi_LED_SMD	LED 0805/2012 GREEN	Package?	Rating?	LED	Green	
D5	Red	Semi LED SMD	LED 0805/2012 RED	Package?	Rating?	LED	Red	
D6	Red	Semi LED SMD	LED 0805/2012 RED	Package?	Rating?	LED	Red	
F1	3A	Other_Elec_Fuse_SMD	1206_F	1206	Rating?	Fast	3A	
F2	0.5A	Other_Elec_Fuse_SMD	1206_F	1206	Rating?	Fast	0.5A	
F3	0.5A	Other_Elec_Fuse_SMD	1206_F	1206	Rating?	Fast	0.5A	
F4	0.5A Micro	Other_Elec_Fuse_SMD Con_USB2_Micro	1206_F USB Micro Standard	1206 Package?	Rating?	Fast	0.5A Micro	
J1 J2	Female	Con_USB2_Micro  Con Power Jack	Power Jack BIG	Package? Package?	Rating? Rating?	Type? Type?	Female	=
J3	12b		HRO_TYPE-C-31-M-12 - Extended		Rating?	С	12b	
JP1	Jumper	Other_Elec_Jumper_08	RESC2012M (0805)	0805	Rating?	Type?	Jumper	
JP2	0b	05 SW_Other_JSelector_D	jumper selector	Dip	Rating?	Selector	0b	
L1	100u	ip Ind_SMD_0805	IND0805	0805	Rating?	SMD	100u	
P1	STLinkV3-minie	Con_Prog_STLinkV3_S	IDC2.54-10PIN	Package?	Rating?	SWD	STLinkV3-minie	
	UNO	WD Con_Arduino_UNO_Co	ARDUINO_UNO_CON	Package?	Rating?		UNO	
P2	UNU	n	NECTOR	rackaye!	r\auiiy!	Type?	UNU	
				Title: Bill of Ma	aterials	Drawn b	y:	Hossein Bagher
				Project: STM32		Revision		aKaReZo

С

Α

Α

В

В

С

Company: github.com/aKaReZa75

D

Sheet 6 of 7

Ε

iş aKaReZo

F

			-	Project: STM32 Company: githu		Revision: 1.0  Sheet 7 of 7		_ aKaReZa	
				Title: Bill of Ma		Drawn by:		Hossein Bagheri	
Y2 Y3	32.768KHz 12M	8K_SMD Other_Elec_Xtal_SMD	XTL_2_3215 Crystal SMD	3215 SMD	20ppm Rating?	Crystal Quartz	32.768KHz 12M		
Y1	8MHz	Other_Elec_Xtal_8MHZ _SMD Other_Elec_Xtal_32.76	XTL_2_5032	5032	10ppm	Crystal	8MHz		
U2 U3 U4	5V 3.3V CH340G	IC_Reg_AMS1117_3.3 IC_Reg_AMS1117_3.3 IC_Converter_CH340G	SOT223_M SOT223_M SO16_M	SOT223 SOT223 SO-16	1A 1A Rating?	LDO LDO USB to TTL	5V 3.3V CH340G		
U1	STM32F103C8T6	D IC_MCU_STM32F103C 8T6	PST_6X3X2 LQFP48_N	LQFP48	CORTEX-M3	Microcontroller	STM32F103C8T6	3	
S1 S2	PB PB	D SW_PushButton_2_SM	PST_6X3X2 SW_PB_SMD_2PIN_S	SIVID	2b 2b	Vertical Vertical	PB PB		
R13 R14	4.7K 1.8K		RES 0805 (2012X06L) RES 0805 (2012X06L) SW. PR. SMD. 2PIN S	0805	0.125W 0.125W	10% 10%	4.7K 1.8K		
R11 R12	1K 4.7K	Res_SMD_0805 Res_SMD_0805	RES 0805 (2012X06L) RES 0805 (2012X06L)	0805 0805	0.125W 0.125W	10% 10%	1K 4.7K		
R9 R10	680b	Res_SMD_0805	RES 0805 (2012X06L) RES 0805 (2012X06L)	0805	0.125W 0.125W	10% 10%	680b		
R7 R8	220b 680b	Res SMD 0805	RES 0805 (2012X06L) RES 0805 (2012X06L)	0805	0.125W 0.125W	10% 10%	220b 680b		
R5 R6	1.8K 680b	Res_SMD_0805	RES 0805 (2012X06L) RES 0805 (2012X06L)	0805	0.125W 0.125W	10% 10%	1.8K 680b		
R3 R4	1K 10K	Res_SMD_0805	RES 0805 (2012X06L) RES 0805 (2012X06L)	0805	0.125W 0.125W	10% 10%	1K 10K		
R2	390b 10K		RES 0805 (2012X06L) RES 0805 (2012X06L)		0.125W 0.125W	10% 10%	390b 10K		

D

С

С

Α

В

В

Company: github.com/aKaReZa75 Sheet 7 of 7 Е

Ε

F