



Pinout for STM32F100Cx\_LQFP48:

1	VBAT	48	VDD
2	PC13/TAMPER-RTC	47	VSS
3	PC14/OSC32_IN	46	BTN0
4	PC15/OSC32_OUT	45	BTN1
5	OSC_IN/PD0	44	BOOT0
6	OSC_OUT/PD1	43	BTN2
7	RST	42	BTN3
8	VSSA	41	BTN4
9	VDDA	40	BTN5
10	VDDA	39	LCD_RS
11	PA0/WKUP/ADC0/TIM2_CH1_ETR	38	LCD_E
12	PA1/ADC1/TIM2_CH2	37	SWCLK
13	PA2/ADC2/USART2_TX/TIM2_CH3/TIM15_CH1	36	
14	PA3/ADC3/TIM2_CH4/TIM15_CH2	35	VDD
15	PA4/ADC4/USART2_CK/DAC1	34	SWDIO
16	PA5/ADC5/SPI1_SCK/DAC2	33	HLED
17	PA6/ADC6/SPI1_MISO/TIM3_CH1	32	
18	PA7/ADC7/SPI1_MOSI/TIM3_CH2	31	URX
19	PB0/ADC8/TIM3_CH3	30	UTX
20	PB1/ADC9/TIM3_CH4	29	
21	PB2/BOOT1	28	LCD_D4
22	PB10/USART3_TX/I2C2_SCL*	27	LCD_D5
23	PB11/USART3_RX/I2C2_SDA*	26	LCD_D6
24	VSS	25	LCD_D7
	VDD		
	PB12/TIM1_BKIN/USART3_CK/SPI2_NSS*/I2C2_SMBA*		

Title			<b>QuasarARM</b>		
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B	(c) Andy_F				2
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Item	Quantity	Reference	Part
1	1	BQ1	8,0 MHz
2	2	C10,C11	15
3	1	C7	22
4	2	C2,C9	4700
5	1	C5	0,033
6	14	C1,C6,C12,C13,C17,C18, C19,C22,C23,C24,C25,C26, C34,C36	0,1
7	1	C35	0,33
8	3	C15,C20,C30	1,0
9	1	C32	4,7
10	6	C16,C21,C27,C28,C37,C31	10,0
11	1	C8	4,7
12	2	C14,C33	470,0
13	2	C3,C4	1000,0
14	1	Q1	IRF7105
15	3	Q2,Q3,Q4	BC846BL
16	2	R7,R42	1R
17	2	R38,R39	2R
18	1	R2	10R
19	2	R36,R37	51
20	6	R3,R31,R33,R34,R41,R43	100
21	1	R15	390 (5..6 * Rxtall), как
вариант - 0			
23	8	R10,R11,R17,R24,R25,R30, R35,R29	1K
24	1	R6	1K2
25	3	R1,R4,R13	2K0
26	1	R32	3K0
27	1	R21	3K9
28	2	R22,R23	4K7
29	7	R8,R14,R16,R18,R19,R20, R28	10K
30	1	R27	10K Потенциометр, может не
устанавливаться			
31	3	R5,R9,R12	100K
32	1	U1	MCP6022
33	1	U2	STM32F100C8 LQFP48
34	2	U3,U5	LD1117S33
35	1	U4	AT24C08
36	1	U6	FDCC1602G1 3V3 !
37	1	U7	MC34119
38	1	U8	LD1117S50
39	4	VD1,VD4,VD5,VD6	LL4148
40	2	VD2,VD3	MURS230T3
41	1	VD7	SK16
46	2	VD8,VD9	LED (произвольные)
47	2	VD10,VD11	BZX384C5V1