



Bill of Materials

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Source Data From: stm_effen_psb_controller.PrjPCB

Project: stm_effen_psb_controller.PrjPCB

Variant: None

Creation Date: 2017/10/8 17:50:24

Print Date: 43016 43016.74346

Footprint	Comment	LibRef	Designator	Description	Quantity
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6-0805_M	Сар	Сар	C1, C2, C3, C4, C5, C6, C7, C9, C11,	Capacitor	28
			C12, C13, C14, C15, C17, C18, C19, C21,		
			C22, C23, C24, C25, C26, C27, C28, C29,		
4000 DOV	0	0	C30, C31, C32	0	
1206_ROY	Cap	Сар	C8, C10, C16, C20	Capacitor	4
6-0805_M	LED_TX	LED0	D1, D4	Typical INFRARED GaAs LED	2
LED_3mm	LED_DIP	LED_3mm	D2, D3		2
6-0805_M	LED_RX	LED0	D5	Typical INFRARED GaAs LED	1
HDR1X2	Relay Jumper	Header 2	J1	Header, 2-Pin	1
PIN1	Socket	Socket	J2, J3	Socket	2
mini_USB	USB	Header 5	P1	Header, 5-Pin	1
HDR2X3	BOOT	Header 3X2	P2	Header, 3-Pin, Dual row	1
KF127-0.5-2	IA	Header 2	P3	Header, 2-Pin	1
KF127-0.5-2	IB	Header 2	P4	Header, 2-Pin	1
KF127-0.5-2	VA	Header 2	P5	Header, 2-Pin	1
HDR2X16	Header 16X2	Header 16X2	P6	Header, 16-Pin, Dual row	1
KF127-0.5-3	Relay	Header 3	P7	Header, 3-Pin	1
HDR2X8	9153Header	Header 8X2	P8	Header, 8-Pin, Dual row	1
HDR1X7	OLED	Header 7	P9	Header, 7-Pin	1
HDR1X5	SWD	Header 5	P10	Header, 5-Pin	1
HDR1X2	UART	Header 2	P11	Header, 2-Pin	1
6-0805_M	Res3	Res3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10,	Resistor	15
			R11, R12, R13, R14, R15		
1206_ROY	Res3	Res3	R16, R17, R18, R19, R21	Resistor	5
SW_4	SW_4Pin	SW_4Pin	SW1	1	1
LQFP48 N	STM32F103C8T	STM32F103C8T	U1	STM32 ARM-based 32-bit MCU with 64	1
_	6	6		Kbytes Flash, 48-pin LQFP, Industrial	
				Temperature	
SOT223-4L	LM1117	LM1117	U2	1	1
SSOP-28 N	FT232RL-Reel	FT232RL-Reel	U3	USB UART Asynchronous Serial Data	1
_				Transfer Chip, SSOP-28, Tape and Reel	
LFCSP 32	9153	9153	U4	1	1
XTAL_SMT	XTAL	XTAL	Y1, Y2	Crystal Oscillator	2
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Approved		Notes			
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