Bill of Materials

Title: Bill of Materials for Project [ATMEGA328.PrjPcb] (No PCB Document Selected)
Project: ATMEGA328 EB
Company github.com/aKaReZa75
Variant: None
Revision: 1.1

Inflow	LibRef	Footprint	Value	Rating	Package	Type	Description	Comment	Quantity
inflow?	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	100n	50V	0805	MultiLayer	Bipolar ceramic capacitor SMD	100n	7
inflow?	Cap_Multi_SMD_100nF_1206	CAP 1206/3216	100n	50V	1206	MultiLayer	Bipolar ceramic capacitor SMD	100n	4
inflow?	Cap_Multi_SMD_0805	CAP 0805/2012	10n	Rating?	0805	MultiLayer	Bipolar ceramic capacitor SMD	10n	1
inflow?	Cap_Multi_SMD_0805	CAP 0805/2012	22p	Rating?	0805	MultiLayer	Bipolar ceramic capacitor SMD	22p	4
inflow?	Cap_Tantalum	SMT_C_Tantalum_A	10u	16V, 6.3V	Package?	Tantalum	Tantalum Capacitor,TAJ Series-SMD	10u	3
inflow?	Cap_Tantalum	SMT_C_Tantalum_A	22u	6.3V	Package?	Tantalum	Tantalum Capacitor,TAJ Series-SMD	22u	2
inflow?	Con_Arduino_UNO_Con	ARDUINO_UNO_CONNECTOR	UNO	Rating?	Package?	Type?	Arduino UNO Connector	UNO	1
6127	Con_Power_Jack	Power Jack BIG	Female	Rating?	Package?	Type?	Power Jack	Female	1
inflow?	Con_Prog_MKII_ISP	IDC_2X3	3x2	Rating?	Package?	Type?	6 Pin Standard ISP Header For MKII	3x2	1
inflow?	Con_USB_C	HRO_TYPE-C-31-M-12 -	12b	Rating?	SMD	C	USB C Female Connector	12b	1
inflow?	IC_Converter_CH340G	SO16_M	CH340G	Rating?	SO-16	USB to TTL	TTL To USB Chip	CH340G	1
inflow?	IC_MCU_ATmega328P_SMD	ATMEGA328	ATmega328P	Rating?	Package?	Type?	8-Bit AVR Microcontroller with 32K	ATmega328P	1
5217	IC_Reg_AMS1117_3.3	SOT223_M	3.3V	1A	SOT223	LDO	1'A Positive voltage regulator	3.3V	1
5217	IC_Reg_AMS1117_3.3	SOT223_M	5V	1A	SOT223	LDO	1'A Positive voltage regulator	5V	1
inflow?	Ind_SMD_0805	IND0805	100u	Rating?	0805	SMD	Inductor	100u	1
inflow?	Other_Elec_Fuse_SMD	1206_F	0.5A	Rating?	1206	Fast	Short circiut protection	0.5A	2
inflow?	Other_Elec_Fuse_SMD	1206_F	3A	Rating?	1206	Fast	Short circiut protection	3A	1
inflow?	Other_Elec_Fuse_SMD	1206_F	500m	Rating?	1206	Fast	Short circiut protection	500m	1
inflow?	Other_Elec_Xtal_SMD	Crystal SMD	12M	Rating?	SMD	Quartz	Crystal Oscillator	12M	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	1K	0.125W	0805	10%	Resistor	1K	3
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	1.8K	0.125W	0805	10%	Resistor	1.8K	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	4.7K	0.125W	0805	10%	Resistor	4.7K	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	10K	0.125W	0805	10%	Resistor	10K	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	220b	0.125W	0805	10%	Resistor	220b	1
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	680	0.125W	0805	10%	Resistor	680	2
inflow?	Res_SMD_0805	RES 0805 (2012X06L)	680b	0.125W	0805	10%	Resistor	680b	1
inflow?	Semi_LED_SMD	LED 0805/2012 GREEN	Green	Rating?	Package?	LED	LED	Green	2
inflow?	Semi_LED_SMD	LED 0805/2012 RED	Red	Rating?	Package?	LED	LED	Red	3
inflow?	Semi_LED_SMD	LED 0805/2012 YELLOW	Yellow	Rating?	Package?	LED	LED	Yellow	1
5145	SW_Other_JSelector_Dip	jumper selector	0b	Rating?	Dip	Selector	Jumper Selector	0b	1
8260	SW_PushButton_2_SMD	SW_PB_SMD_2PIN_SPST_6X	PB	2b	SMD	Vertical	SMT Tactile Switch	PB	1
									57

Approved

aKaReZa

6/3/2025 3:09 PM

Hossein Bagheri

Notes