

Bill of Materials

Bill of Materials for Project [WATER SPARKLING SYSTEM.PrjPcb] (No PCB Doc

Source Data From: WATER SPARKLING SYSTEM.PrjPcb
 Project: WATER SPARKLING SYSTEM.PrjPcb
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
Arduino uno	Arduino_Uno	Arduino_Uno	Arduino	ATmega328 Microcontroller Uno	1
Ternimal_Blo	Ternimal_Block	Ternimal_Block	B1, B2	Connector	2
Push_Button	Push_Button_TH	Push_Button_TH	B3, B4	SWITCH TACTILE SPST-NO 0.05A 24V	2
Buzzer	5V Buzzer	Buzzer	BUZ	BUZZER PIEZO 12VDC 3.3KHZ PCB	1
Cap_7.6mm	4700uF	Cap_THT_7.6m	C1	Capacitor Aluminium Radial D=18mm	1
Cap_2mm_P	0.33uF	Cap_THT_2mm	C2	Capacitor Electrolytic D=5 x H=11 - P=2	1
Cap_2mm_P	0.1uF	Cap_THT_2mm	C3, C5	Capacitor Electrolytic D=5 x H=11 - P=2	2
Diode_1N400	Diode_THT_1N4	Diode_THT_1N4	D1, D2, D3, D4, D5, D6, D7, D8	Diode 1KV 1A 2-Pin DO-41 T/R	8
16*2 LCD	16x2_LCD	16x2_LCD	DISPLAY	16 colum and 2 row LCD DISPLAY	1
Node_MCU	Node_MCU_ES	Node_MCU_ES	ESP8266	NodeMCU Develement Board With Wi-Fi	1
Fuse_250V	Fuse_250V_1A	Fuse_250V_1A	F	LITTELFUSE - 0217001.HXP -	1
IR_Resiver	IR_Reciver	IR_Reciver	IR		1
Jst 4 Pin XH	Jst_XH_4_Pin	Jst_XH_4_Pin	J1	JST (JAPAN SOLDERLESS TERMINALS) -	1
Jst 3 Pin XH	Jst_XH_3_Pin	Jst_XH_3_Pin	J2	JST (JAPAN SOLDERLESS TERMINALS) -	1
LED_THT_Gr	LED_THT_Gree	LED_THT_Gree	L1, L3	LED GREEN DIFFUSED T-1 3/4 T/H	2
LED_THT_Re	LED_THT_Red	LED_THT_Red	L2	LED RED CLEAR 5MM OVAL T/H	1
Relay	Relay	Relay	R1, R9	General Purpose Relays ORWH-SH-	2
Res_THT_22	Res_THT_220R	Res_THT_220R	R2, R10	RES 220 OHM 1/4W 5% AXIAL	2
Res_THT_33	Res_THT_330R	Res_THT_330R	R4	RES 330 OHM 1/4W 5% AXIAL	1
Potentiometer	Potentiometer_T	Potentiometer_T	R5	Trimmer pot comman for all	1
Res_THT_10	Res_THT_10K	Res_THT_10K	R7, R8, R13, R14	RES 10K OHM 1/4W 5% AXIAL	4
Res_THT_1K	Res_THT_1K	Res_THT_1K	R11, R12, R15	Res Carbon Film 1K Ohm 5% 0.25W(1/4W)	3
Res_THT_1K	Res_THT_2K	Res_THT_1K	R16	Res Carbon Film 1K Ohm 5% 0.25W(1/4W)	1
Toggle Switch	Toggle_Switch	Toggle_Switch	S1	SWITCH TOGGLE SPDT 3A 120V	1
Transformer	Transformer	Transformer	T	Common Designe For All Step Down	1
bc547	BC547	BC547	T1, T2	TRANS NPN 45V 0.1A TO-92	2
LM7805_THT	Voltage_Regulat	Voltage_Regulat	U3	STMICROELECTRONICS L7805CV	1
MOV_10D43	MOV_10D431K	MOV_10D431K	V1	Var MOV 275VAC/350VDC 1.2kA 473V	1
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Approved	Notes