





Comment	Description	Designator	Footprint	LibRef	Quantity
Push button		B1, B2	SW_TS02-66-95-BK-260-LCR-D	Push button	2
AI-1223-TWT-12V-R	ELECTRO-MECHANICAL AUDIO INDICATOR	Bz1	XDCR_AI-1223-TWT-12V-R	Buzzer	1
10uF	FS-A	C1	CAPPRD500W50D500H1100	Electrolytic capacitor	1
2200uF	FS-A	C2	CAPPRD500W50D500H1100	Electrolytic capacitor	1
100nF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C3	CAPRB500W50L450T300H550	Ceramic capacitor	1
22pF	2200 pF $\pm 10\%$ 250V Ceramic Capacitor X7R Radial	C4, C5	CAPRB500W50L450T300H550	Ceramic capacitor	2
1N4007	Diode Switching 1KV 1A 2-Pin DO-41	D1, D2, D3, D5	DIOAD1060W80L520D270	1N4007	4
L08R5000Q1	LED, Orange, Through Hole, T-1 3/4 (5mm), 30 mA, 2.1 V, 635 nm	D4	LEDRD254W57D500H1070	LED	1
691216510003S	5.08 MM TERMINAL BLOCK:	J1, J4	Terminal block - 3Pins	3Pins Terminal block	2
TBlock 2	2 Position Wire to Board Terminal Block Horizontal with Board 0.197 _5.00mm_ Through Hole	J2	691111710002	Terminal Block - 2Pins	1
PPTC041LFBN-RC	4 Position Header Connector Through Hole	J3	SULLINS_PPTC041LFBN-RC	Female header - 4Pins	1
JQC-3F-1C-24VDC	Miniature PCB Relay 24VDC, 10A 250VAC, 15A 125VAC, 10A 250VAC	K1, K2, K3	RELAY_JQC-3F-1C-24VDC	Relay (Standard)	3
1k5	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R1	RESAD1100W55L680D260	Resistor (0.25W)	1
220	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R2	RESAD1100W55L680D260	Resistor (0.25W)	1
180	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R3, R4, R7	RESAD1100W55L680D260	Resistor (0.25W)	3
100	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R5	RESAD1100W55L680D260	Resistor (0.25W)	1
10k	(MFR-25FBF52-10K) 10,2 kOhm bei 1% 0,25W, 1/4W Durchbohrlochwidertand Axial Metal Film	R6	RESAD1100W55L680D260	Resistor (0.25W)	1
BT137		TRIAC1, TRIAC2, TRIAC3	TO255P1040X460X1975-3	BT137	3
LM7805		U1	TO255P1020X450X1968-3	LM78__	1
ATMEGA328P-PU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - DIP-28	U2	DIP794W46P254L2967H457Q28B	ATMEGA328P-PU	1
MOC3020	Optoisolator Triac Output 5300Vrms 1 Channel 6-DIP	U3, U4, U5	DIL06-A	MOC3020	3
16MHz	CRYSTAL T/H	Y1	XTAL_ECS-160-20-4X	Crystal oscillator	1