





Wi-Fi U1.0
SHAL-CRETA-FLEA PRODUCTION

Comment	Description	Designator	Footprint	Manufacturer Part Number	Quantity
AC/DC_5V_0.7A	AC/DC Converter 5V 700mA	AC/DC1	AC/DC_5V_700mA		1
Battery	Battery 3VDC	BT1	BATTERY HOLDER 1		1
BUZZER	AUDIO MAGNETIC XDCR 3-7V TH	BZ1	buzzer smd	AT-1224-TWT-5V-2-R	1
220uF/16V	CAP ALUM 100UF 20% 25V RADIAL	C1, C9	RADIAL_6.3X12	ECA-1EM101	2
0.1uF/50V	CAP CER 0.1UF 50V X7R 0805	C2, C8, C13, C16, C17	CAP_SMD_0805	CC0805KRX7R9BB104	5
10uF/16V	CAP CER 10UF 16V X5R 0805	C3, C4, C5, C6, C10	CAP_SMD_0805	CC0805KKX5R7BB106	5
1uF/16V	CAP CER 1UF 16V X7R 0805	C7, C11, C12, C14, C15	CAP_SMD_0805	CC0805KKX7R7BB105	5
32.768KHZ	CRYSTAL 32.7680KHZ 12.5PF SMD	CR1	Cylindrical crystal - small	AB26TRB-32.768KHZ-T	1
LED_5MM	LED BLUE 5MM	D1, D3, D4, D6, D7	LED_5mm	LTST-C171TBKT	5
LL4448-GS08	DIODE GEN PURP 75V 150MA SOD80	D2, D5	SOD80C	LL4448-GS08	2
ESP8266_07	ESP8266 SMT MODULE	ESP1	ESP8266_07	2491	1
Fuse	Fuse 500mA	F1	RESISTOR 1/4W (STAND)		1
0805L075WR	PTC RESETTABLE 6V .750A SMD 0805	FS1	RES_SMD_0805	0805L075WR	1
MOV-14D471K	VARISTOR 470V 4.5KA DISC 14MM	MOV1	14D471	MOV-14D471K	1
Header 1X4	Header, 4-Pin	P1, P3, P4	Header 1X4		3
Header 1X2	Header, 2-Pin	P2, P5, P6	Header 1X2		3
MMBT3904LT1G	TRANS NPN 40V 0.2A SOT23	Q1, Q2, Q3	SOT-23	MMBT3904LT1G	3
1k2-5%	RES SMD 1.2K OHM 5% 1/8W 0805	R1, R2, R3, R6, R10, R11, R13, R14	RES_SMD_0805	RC0805JR-071K2L	8
10k-5%	RES SMD 10K OHM 5% 1/8W 0805	R4, R5, R7, R8, R9, R12, R15, R16, R17, R18	RES_SMD_0805	RC0805JR-0710KL	10
Relay 10A/5V	Relay SPDT,10A - 12VDC 5 Pin	RL1, RL2	RELAY5PIN-10A		2
SW DIP-2	DIP Switch, 2 Position, SPST	S1	DIP SWITCH 2		1
Button	Switch button 2 pin	SW1, SW2	BUTTON_SMD_2PIN		2
Test Point	Test Point	TP1, TP2, TP3, TP4, TP5, TP6, TP7			7
LM1117IMPX-3.3/NOPB	IC REG LDO 3.3V 0.8A SOT223	U1	SOT223	LM1117IMPX-3.3/NOPB	1
STM8S103F3P6	IC MCU 8BIT 8KB FLASH 20TSSOP	U2	TSSOP20	STM8S103F3P6	1
DS1307Z+	IC RTC CLK/CALENDAR I2C 8-SOIC	U3	SOIC8_MOSFET	DS1307Z+	1