

Part	Value	Device	Package	Description	MF	MPN	OC FARNELL	OC NEWARK	PROD_ID	VALUE
AT-RESET		10-XX	B3F-10XX	OMRON SWITCH		B3F-1000	176432	36M3542		
C1, C2, C6	0.1u	C-EUC0603	C0603	CAPACITOR, European symbol						
C3	2.2u	C-EUC1206	C1206	CAPACITOR, European symbol						
C7, C8	22p	C-EU025-024X044	C025-024X044	CAPACITOR, European symbol						
C10	220u	CPOL-EU153CLV-0605	153CLV-0605	POLARIZED CAPACITOR, European symbol						
D1		DIODE-EX	SOD80C							
D2		DIODE-EX	SOD80C							
ESP-BOOT	PinHead	PINHD-1X3	1X03	PIN HEADER						
GPIO-ESP	PinHead	PINHD-1X4	1X04	PIN HEADER						
GPIO-L	PinHead	PINHD-1X14	1X14	PIN HEADER						
GPIO-R	PinHead	PINHD-1X10	1X10	PIN HEADER						
IC2	NJM2845DL1	NJM2845DL1	NJM2845DL1-PKG							
LED1		LED1608	LED1608	Generic LEDs						
R1, R2	10K	R-EU_R0603	R0603	RESISTOR, European symbol						
R5	100R	R-EU_R0603	R0603	RESISTOR, European symbol						
SOC	ESP-WROOM-02	ESP-WROOM-02-CP2FRONT	FRONT-FACE-CP2	WiFi module - ESP-WROOM-02						
U1	ATMEGA328P_TQFP	ATMEGA328P_TQFP	TQFP32-08						IC-09069	ATMEGA328P_TQFP
USB		USB-CUST-1	USB-CUST-1-PKG							
XTAL	8MHz	XTAL/S	QS	CRYSTAL						