

Comment	Description	Designator	Footprint	LibRef	Quantity
100uF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C1	KEMT-C315-THT-2	CMP-1664-00008-1	1
1uF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C2	KEMT-C315-THT-2	CMP-1664-00008-1	1
1nF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C3, C6, C9	KEMT-C315-THT-2	CMP-1664-00008-1	3
220nF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C4	KEMT-C315-THT-2	CMP-1664-00008-1	1
100nF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C5	KEMT-C315-THT-2	CMP-1664-00008-1	1
1.0uF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, - 55 to 125 degC, 2-Pin THD, RoHS, Bulk	C7, C8	KEMT-C315-THT-2	CMP-1664-00008-1	2
WP7113SRC/DU	Red 640nm LED Indication - Discrete 1.85V Radial	D1, D2	LED_WP7113SRC/DU	WP7113SRC/DU	2
TSW-104-24-G-S	Connector Header Through Hole 4 position 0.100 (2.54mm)	J1	SAMTEC_TSW-104-24- G-S	TSW-104-24-G-S	1
B3B-XH-A	Connector Header Through Hole 3 position 0.098 (2.50mm)	J2	JST_B3B-XH-A	B3B-XH-A	1
B2B-XH-A_(LF)(SN)	Connector Header Through Hole 2 position 0.098 (2.50mm)	J3	JST_B2B-XH- A_(LF)(SN)	B2B-XH-A_(LF)(SN)	1
B8B-XH-A	Connector Header Through Hole 8 position 0.098 (2.50mm)	J4	JST_B8B-XH-A	B8B-XH-A	1
12KΩ	Surface Mount Thick Film Resistor, MCWR Series, 100 ohm, 100 mW, - 1%, 50 V	R1	R0603	MCWR06X1000FTL	1
5KΩ	Surface Mount Thick Film Resistor, MCWR Series, 100 ohm, 100 mW, - 1%, 50 V	R2, R3	R0603	MCWR06X1000FTL	2
470Ω	Surface Mount Thick Film Resistor, MCWR Series, 100 ohm, 100 mW, - 1%, 50 V	R4, R7	R0603	MCWR06X1000FTL	2
150Ω	Surface Mount Thick Film Resistor, MCWR Series, 100 ohm, 100 mW, - 1%, 50 V	R5, R6	R0603	MCWR06X1000FTL	2
BUTT-2	Tactile Switches MINI PUSH BUTTON SWITCH 2-PIN QTY. 4	S1, S2	SW_BUTT-2	BUTT-2	2
ESP-WROOM-32	Transceptor serie ESP- WROOM-32: Placa de evaluaci3n 802.11 b/g/n (Wi-Fi, WIFI, WLAN), Bluetooth4® Smart 4.x de bajo consumo (BLE)	U1	MODULE_ESP- WROOM-32	ESP-WROOM-32	1
L7805CV	Linear Voltage Regulator IC Positive Fixed 1 Output 1.5A TO-220	U2	TO255P1040X460X19 68-3	L7805CV	1
AMS1117-3.3	Sot223/Pkg 1-Amp 3.3- Volt Low Drop Out Voltage Regulatator	U3	SOT229P700X180-4N	AMS1117-3.3	1