

Reference Designator	Manufacturer Part Number	Manufacturer Name	Package/Footprint	Description	Notes
ESP32-C3	ESP32-C3FH4	Espressif Systems	32-VFQFN Exposed Pad	RF TXRX MOD BLUETOOTH WIFISMD	DigiKey
XTAL	ABM14N-40.0000MHZ-8-N1U	Abracon LLC	4-SMD, No Lead	CRYSTAL 40MHZ 8PF SMD	DigiKey
R3, R4, R5, R6, R7, R8, R9	RC0100FR-075K1L	YAGEO	01005 (0402 Metric)	RES 5.1K OHM 1% 1/32W 01005	DigiKey
C1, C2	GRM0225C1H150GA03L	Murata Electronics	01005 (0402 Metric)	CAP CER 15PF 50V C0G/NP0 01005	DigiKey
C4, C6	C01005X5R6R3-105MNP-ct	Venkel	01005 (0402 Metric)	Chip Capacitor,01005,X5R,6.3V,1u	DigiKey
USB-C	44116B01231	DLK Electronics	-	USB C TYPE RA SMT TYPE	DigiKey or Amazon ( <a href="https://a.co/d/4QSSXbX">https://a.co/d/4QSSXbX</a> )
LED	XZVGSR154W	SunLED	2-SMD, No Lead	0.45X0.25MM GREEN SMD 01005 LED	DigiKey (APG015CGKKC-TT also works)
C3, C5	GRM022D80G104ME15L	Murata Electronics	01005 (0402 Metric)	CAP CER 0.1UF 4V X6T 01005	DigiKey
LDO	MIC5524-3.3YMT-TZ	Microchip Technology	4-UDFN Exposed Pad	IC REG LINEAR 3.3V 500MA 4-TDFN	DigiKey
ANT	CA-C03	CrossAir	-	SMD Patch Antenna	AliExpress