

Reference	Value	Footprint
BOOT1, EN1	SW_Push	Button_Switch_SMD:SW_SPST_TL3342
C5, C8, C15, C23	4.7uF	C_0402_1005Metric
C6, C9, C11, C16, C19, C22, C27, C29	100nF	C_0402_1005Metric
C7	220pF	C_0402_1005Metric
C10, C28	1uF	C_0402_1005Metric
C12, C13, C14	470nF	C_0402_1005Metric
C18, C20, C21, C25	10uF	C_0603_1608Metric
C30	DNP	C_0402_1005Metric
C31	2.2uF	C_0603_1608Metric
D1	MMBZxx	SOT-23
D2, D4	D_TVS	D_SOD-123F
D3, D5	D_Schottky_Small	D_SOD-323
D6	SM712_TCT	SOT-23-3
D7	CDSOT23-T24CAN-Q	SOT-23-3
GPIO1	Conn_01x16	PinHeader_2x08_P2.54mm_Vertical
H1, H2, H3, H4	MountingHole	MountingHole_3.2mm_M3_DIN965
J1	Screw_Terminal_01x12	TerminalBlock_Phoenix_MPT-0,5-12-2.54_1x12_P2.54mm_Horizontal
J3	USB_B_Micro	USB_Micro-B_XKB_U254-051T-4BH83-F1S
J6	Screw_Terminal_01x02	TerminalBlock_Phoenix_MPT-0,5-2-2.54_1x02_P2.54mm_Horizontal
J7	Screw_Terminal_01x03	TerminalBlock_Phoenix_MPT-0,5-3-2.54_1x03_P2.54mm_Horizontal
LED1, PWR1, RX1, TX1	LED	LED_0603_1608Metric
R1, R4, R16, R32	10k	R_0402_1005Metric
R3, R9, R13, R23, R29	0	R_0402_1005Metric
R5, R6, R7, R12, R17	680	R_0402_1005Metric
R8, R19	1k	R_0402_1005Metric
R10, R11	51	R_0402_1005Metric
R14, R15, R21, R30	200	R_0402_1005Metric
R18, R20, R22, R24, R25, R26, R28, R33, R35	DNP	R_0402_1005Metric
R31	330	R_0402_1005Metric
R34	200	R_0603_1608Metric
U2	SP3485EN	SOIC-8_3.9x4.9mm_P1.27mm
U3	LM317_3PinPackage	TO-252-2
U4	MAX3232	SSOP-16_4.4x5.2mm_P0.65mm
U5	SRV05-4	SOT-23-6
U6	ESP-C3-WROOM-02	ESP-WROOM-02
U7	SD6210A	SOT-23-6
U9	TJA1042T-3	SOIC-8_3.9x4.9mm_P1.27mm