

Referenz	Wert	Footprint	Anzahl	Sonsitges
C1 C2 C6 C7 C8 C9 C10 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30	47pF	C_0805_2012Metric	25	Capacitor 0805 47pF
C3 C5	100pF	C_0805_2012Metric	2	Capacitor 0805 100pF
C4 C11 C32 C33	1uF	C_0805_2012Metric	4	Capacitor 0805 1uF
D1	SP0503BAHT	SOT-143	1	SP0503BAHT SOT-143
D2	1N5819HW-7-F	SOD 123	1	1N5819HW-7-F SOD-123
D3	Led Smd 1206	LED_1206_3216Metric	1	Led Smd 1206
J1	Micro-B_Wuerth_629105150521	USB_Micro-B_Wuerth_629105150521_CircularHoles	1	USB B Micro-B_Wuerth_629105150521
J2 J4 J6	Stecker Messerleiste WSL 10G	SHDR10W64P254X254_2X5_2032X880X915P	3	Stecker Messerleiste WSL 10G
J3	Stecker Messerleiste WSL 10G	SHDR10W64P254X254_2X5_2032X880X915P	1	Stecker Messerleiste WSL 10G
J5	Stecker Messerleiste WSL 10G	SHDR10W64P254X254_2X5_2032X880X915P	1	Stecker Messerleiste WSL 10G
J7	Stecker Messerleiste WSL 10G	SHDR10W64P254X254_2X5_2032X880X915P	1	Stecker Messerleiste WSL 10G
Q1 Q2	BC817	SOT-23	2	BC817 SOT-23
R1 R2	22R	R_0805_2012Metric	2	Resistor 0805 22R
R13	2k2	R_0805_2012Metric	1	Resistor 0805 2k2
R14	22,1k	R_0805_2012Metric	1	Resistor 0805 22,1k
R15	47,5k	R_0805_2012Metric	1	Resistor 0805 47,5k
R3 R4 R8 R33 R34	10k	R_0805_2012Metric	5	Resistor 0805 10k
R35	1M	R_0805_2012Metric	1	Resistor 0805 1M
R36	330R	R_0805_2012Metric	1	Resistor 0805 330R
R5 R6 R7 R10 R12 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29 R30 R31 R32	47R	R_0805_2012Metric	22	Resistor 0805 47R
R9 R11	4k7	R_0805_2012Metric	2	Resistor 0805 4k7
S1	B3SL-1002P	SW_SPST_B3SL-1002P	1	Button SMD B3SL-1002P
S2	B3SL-1002P	SW_SPST_B3SL-1002P	1	Button SMD B3SL-1002P
U1	CP2102N-A01-GQFN24	QFN-24-1EP_4x4mm_P0.5mm_EP2.6x2.6mm	1	CP2102N-A01-G QFN24
U2	EP32-WROOM-32D	ESP32-WROOM-32U	1	EP32-WROOM-32D
U3	AMS1117-3.3	SOT-223-3_TabPin2	1	AMS1117-3.3 SOT-223-3

## Mainboard