

Item	Qty	Reference(s)	Value	Datasheet	Hersteller Nr.	Mouser Nr.
1	1	AE1	Antenna_Shield	https://www.mouser.ch/CONUFL001-SMD-T	CONUFL001-SMD-T	712-CONUFL001-SMD-T
2	18	C1, C2, C3, C4, C5, C6, C10, C11, C20, C21, C23, C24, C25, C26, C27, C28, C29, C30	100n	https://www.mouser.ch/CL10B104KB8NNWC	CL10B104KB8NNWC	187-CL10B104KB8NNWC
3	2	C7, C9	1u	https://www.mouser.ch/CL10A105KA8NFNC	CL10A105KA8NFNC	187-CL10A105KA8NFNC
4	4	C8, C18, C19, C22	10u	https://www.mouser.ch/CL10A106MA8NRNC	CL10A106MA8NRNC	187-CL10A106MA8NRNC
5	4	C12, C13, C16, C17	22u	https://www.mouser.ch/CL21A226MAYNNNE	CL21A226MAYNNNE	187-CL21A226MAYNNNE
6	2	C14, C15	47u	https://www.mouser.ch/EEE-FT1V470AR	EEE-FT1V470AR	667-EEE-FT1V470AR
7	1	D1	LED_R	150060RS75000	150060RS75000	710-150060RS75000
8	1	D2	LED_G	150060VS75000	150060VS75000	710-150060VS75000
9	4	D3, D4, D6, D7	SD0603	https://www.mouser.ch/SD0603S040S0R2	SD0603S040S0R2	581-SD0603S040S0R2
11	8	F1, F2, F3, F4, F5, F6, F7, F8	30mA	https://www.mouser.ch/OZCM0003FF2G	OZCM0003FF2G	530-OZCM0003FF2G
13	1	J1	USB_B_Micro	https://www.mouser.ch/614105150721	614105150721	710-614105150721
20	1	L1	3.3u	https://www.mouser.ch/IMC0805ER3R3J01	IMC0805ER3R3J01	70-IMC0805ER3R3J01
21	1	L2	10uH	https://www.mouser.ch/LQM18DH100M70L	LQM18DH100M70L	81-LQM18DH100M70L
22	1	Q1	SI7309D	https://www.mouser.ch/SI7309DN-T1-E3	SI7309DN-T1-E3	781-SI7309DN-T1-E3
23	8	Q2, Q3, Q6, Q7, Q10, Q11, Q14, Q15	~	https://assets.nexperia.com/BC846A,235	BC846A,235	771-BC846A,235
24	8	Q4, Q5, Q8, Q9, Q12, Q13, Q16, Q17	~	https://www.diodes.com/DMC2700UDM-7	DMC2700UDM-7	621-DMC2700UDM-7
25	1	R1	100k	https://www.mouser.ch/CRCW0603100KFKEAC	CRCW0603100KFKEAC	71-CRCW0603100KFKEAC
		R2, R20, R22, R28, R30, R32, R33, R34, R35, R36, R37, R38, R39, R40, R42, R44, R46, R52, R53, R54, R56, R58, R59, R60, R61, R62, R63, R68, R69, R70, R71, R72, R73, R74, R75, R80, R81, R82,				
26	43	R83, R84, R85, R86, R87	10k	https://www.mouser.ch/RT0603FRE0710KL	RT0603FRE0710KL	603-RT0603FRE0710KL
27	3	R3, R9, R10	15k	https://www.mouser.ch/ERJ-3EKF1502V	ERJ-3EKF1502V	667-ERJ-3EKF1502V
28	2	R4, R5	240	https://www.mouser.ch/RC0603FR-13240RL	RC0603FR-13240RL	603-RC0603FR-13240RL
29	9	R6, R29, R31, R41, R43, R45, R47, R55, R57	1.5k	https://www.mouser.ch/RT0603FRE101K5L	RT0603FRE101K5L	603-RT0603FRE101K5L
30	2	R7, R8	68	https://www.mouser.ch/CRCW060368R0FKEA	CRCW060368R0FKEA	603-RC0603JR-0768RL
31	1	R11	2	https://www.mouser.ch/CR0603-J/-2R0ELF	CR0603-J/-2R0ELF	652-CR0603-J/-2R0ELF
32	2	R12, R13	1M	https://www.mouser.ch/ERJ-3GEYJ105V	ERJ-3GEYJ105V	667-ERJ-3GEYJ105V
33	2	R14, R18	10k 0.1%	https://www.mouser.ch/APC0603B10K0N	APC0603B10K0N	284-APC0603B10K0N
34	6	R15, R16, R17, R19, R21, R23	4.7k	https://www.mouser.ch/RT0603FRE074K7	RT0603FRE074K7	603-RT0603FRE074K7L
35	16	R24, R25, R26, R27, R48, R49, R50, R51, R64, R65, R66, R67, R76, R77, R78, R79	1k	https://www.mouser.ch/RT0603FRE071KL	RT0603FRE071KL	603-RT0603FRE071KL
37	1	U1	STM32L433RCTxP	https://www.mouser.ch/STM32L433RCT6P	STM32L433RCT6P	511-STM32L433RCT6P
38	1	U2	USBLC6-2SC6	http://www2.st.com/res/USBLC6-2SC6	USBLC6-2SC6	511-USBLC6-2SC6
39	1	U3	RFM95W-868S2	https://www.mouser.ch/RFM95W-868S2	RFM95W-868S2	223-RFM95W-868S2
40	1	U4	AP63203WU	https://www.mouser.ch/AP63203WU-7	AP63203WU-7	621-AP63203WU-7
41	2	U5, U6	OPA990	https://www.ti.com/lit/d/OPA990IDBVR	OPA990IDBVR	595-OPA990IDBVR