ESP32N1 BOM

ID	NAME	PACKAGE	UNITS	PRICE_EUR	TOTAL_EUR	VALUE	REF.FAB	REF.MOUSER	PEDIDO
1	U1,U2	SOT-23-5	2	0,83	1,66	LM3671	LM3671MF-3.3/NOPB	926-LM3671MF-3.3NOPB	25
2	U3	UQFN-48-1EP_6x6mm_Pitch0.4mm	1	2,5	2,5	ESP32 MCU	ESP32-DOWDQ6 (WATTEROTT)	**	STK 100
3	U4	SOIC-8-208	1	1,5	1,5	FLASH	25Q16BVSIG (ALIEXPRESS)	**	STK 50
4	U5	RFM95W	1	8	8	868Mhz LORA MOD	HOPERF RFM95W (IDEETRON)	**	STK 10
5	Y1	TXC4PIN_3.2x2.5	1	1,16	1,16	40MHz 10ppm	7M-40.000MEEQ-T	717-7M-40.000MEEQ-T	10
6	Y2	TXC2PIN_3.2x1.5	1	0,56	0,56	32.768KHz	9HT10-32.768KDZF-T	717-9HT10-32.768KDZF	10
7	UFL1, UFL2	COAXIAL_U.FL-R-SMT-1	2	0,61	1,22	UFL	A-1JB	523-A-1JB	20
8	AE1	ANT2.4	1	1,34	1,34	2.4GHz	ANT-2.45-CHP-B	712-ANT-2.45-CHP-B	10
9	AE2	ANT868	1	2,2	2,2	868MHz	712-ANT-868-CHP-B	712-ANT-868-CHP-B	STK 10
10	SW1	PTS820	1	0,37	0,37	RST	PTS820 J15KP SMTR LFS	611-PTS820J15KPSMTR	10
11	SW2	PTS820	1	0,37	0,37	PRG	PTS820 J15KP SMTR LFS	611-PTS820J15KPSMTR	15
12	D1	LED_0603	1	0,29	0,29	WHITE	LW Q38G-Q2OO-3K5L-1	720-LWQ38GQ2R23K5L1	25
13	L1,L2	L_0603	2	0,12	0,24	2.2uH	MLZ1608A2R2MT	810-MLZ1608A2R2MT	100
14	L3	L_0603	1	0,05	0,05	2.7nH	L-14C2N7SV4T	609-L-14C2N7SV4T	100
15	R1,R2,R4	R_0603	3	0,09	0,27	12K	CRCW060312K0FKEA	71-CRCW0603-12K-E3	100
16	R3,R5,R7	R_0603	3	0,09	0,27	470R	CRCW0603470RFKEA	71-CRCW0603-470-E3	100
17	R6	R_0603	1	0,09	0,09	20K	CRCW060320K0FKEA	71-CRCW0603-20K-E3	100
18	C1,C3	TANT A	2	0,18	0,36	4.7uF	TMCMA1A475MTRF	74-TMCMA1A475MTRF	100
19	C2,C4	TANT A	2	0,2	0,4	10uF	TMCMA1A106MTRF	74-TMCMA1A106MTRF	100
20	C5,C6	C_0603	2	0,05	0,1	1nF	VJ0603Y102KXACW1BC	77-VJ0603Y102KXACBC	100
21	C7,C8	C_0603	2	0,05	0,1	22pF	VJ0603A220JXACW1BC	77-VJ0603A220JXACBC	100
22	C9	C_0603	1	0,05	0,05	3.3nF	VJ0603Y332KXACW1BC	77-VJ0603Y332KXACBC	100
23	C10	C_0603	1	0,05	0,05	10nF	VJ0603Y103KXACW1BC	77-VJ0603Y103KXACBC	100
24	C11	C_0603	1	0,05	0,05	100pF	VJ0603A101JXACW1BC	77-VJ0603A101JXACBC	100
25	C12,C16,C26	C_0603	3	0,09	0,27	1uF	GRM188R61E105KA12D	81-GRM188R61E105KA12	100
26	C14	C_0603	1	0,09	0,09	2.4pF	GRM1885C1H2R4CA01D	81-GRM1885C1H2R4CA1D	100
27	C15	C_0603	1	0,09	0,09	3.9pF	VJ0603A3R9BXACW1BC	77-VJ0603A3R9BXACBC	100
28	C17,C18,C27	C_0603	3	0,12	0,36	10uF	GRM188R60J106KE47D	81-GRM188R60J106KE7D	100
29	C19,C13,C24,C25	C_0603	4	0,05	0,2	0.1uF	VJ0603V104ZXXCW1BC	77-VJ0603V104ZXXCBC	100
30	C20,C21	C_0603	2	0,07	0,14	270pF	VJ0603A271JXACW1BC	77-VJ0603A271JXACBC	100
31	C22,C23	C_0603	2	0,05	0,1	15pF	VJ0603A150JXACW1BC	77-VJ0603A150JXACBC	100
32	P1,P2	PIN_HEADER_2.54	2	0,5	1	CONN_01X16	GENERIC	**	
33	PCB	PCB	1		18	ESP32N1PCB REV 1A	PCBGOGO	**	
				TOTAL	43,45				