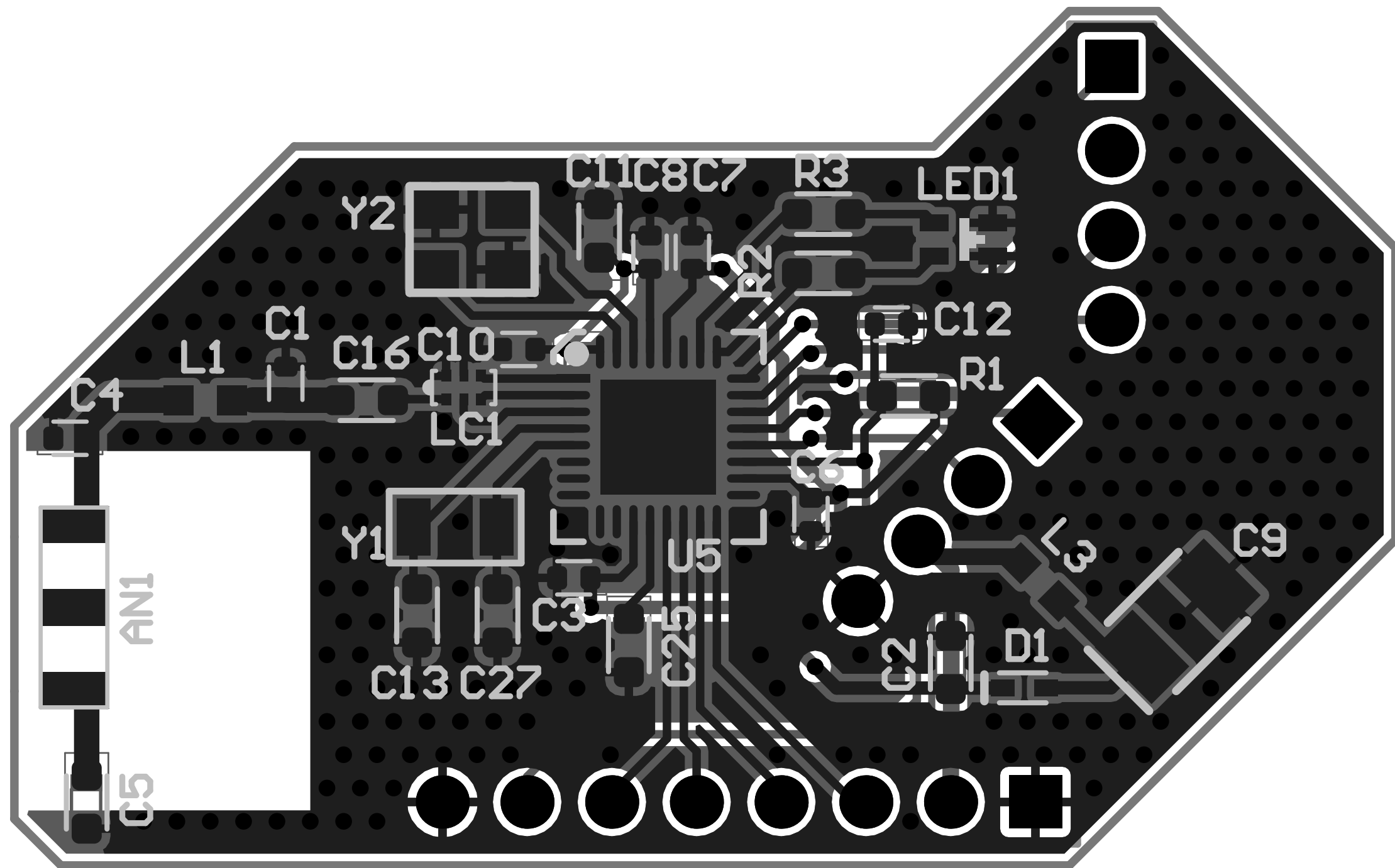


Title		
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Bill of Materials

Prototipo Medidor Sem Fio

Source Data From: OpenBCI Hyperscanning.PrjPcb
Project: OpenBCI Hyperscanning.PrjPcb
Variant: None

Creation Date: 10/06/2025 11:36:20
Print Date: 10-Jun-25 11:36:28 AM

Footprint	Comment	LibRef	Designator	Description	Quantity
Antena_ethert ronics_M620 720	Antenna Chip	Antena_chip_Su b- 1GHz_Kyocera	AN1	Antennas Ceramic Chip ANTENNA ISM Freq: 868 915MHz	1
C0402 - rounded	NP	C-EU-SMD	C1, C4	Generic Capacitor SMD	2
C0603 - rounded	10uF	C-EU-SMD	C2, C11	Generic Capacitor SMD	2
C0402 - rounded	100nF	C-EU-SMD	C3, C6, C7, C8, C10, C12	Generic Capacitor SMD	6
C0603 - rounded	NP	C-EU-SMD	C5	Generic Capacitor SMD	1
SMC_B	220uF	CPOL-TANT	C9	Generic Tantalum Capacitor	1
C0603 - rounded	12pF	C-EU-SMD	C13, C27	Generic Capacitor SMD	2
C0603 - rounded	100pF	C-EU-SMD	C16	Generic Capacitor SMD	1
C0603 - rounded	1uF	C-EU-SMD	C25	Generic Capacitor SMD	1
SOD523	Schottky Diode	SCHOTTKY- DIODED0201T1 5	D1	Schottky Diode	1
61300811121	08p	61300811021	J2	WR-PHD 2.54 mm THT Angled Pin Header, 08p	1
61300411121	04p	61300411121	J5, J6	WR-PHD 2.54 mm THT Pin Header, 04p	2
L0603	6.8nH	L-US0603	L1		1
L0603	Ferrite bead 0603	L-US0603	L3	Ferrite Beads 0603 600ohms	1
Balun_0603	Balun	Balun_CC1310	LC1	Sub-GHz Impedance Matched Balun + LPF integrated Passive Component for Texas Instruments CC1310 Chipset	1
APT1615SU	APT1615SURK	APT1615SURK	LED1		1
RKCGKC	CGKC	CGKC	R1	Generic Resistor SMD	1
R0603 - rounded	100k	R-US-SMD	R2, R3	Resistor SMD 0603	2
R0603 - rounded	200R	R-US_R0603	U5	Sub-1 GHz and 2.4 GHz Multi-standard RF IC Family, RSM	1
VQFN32-5x5	CC1310F128RH B	CC1310F32RHB	Y1	CRYSTAL, RESONATOR, 32.768kHz, - 20PPM/+20PPM, -40DEGC/+85DEGC, SMD	1
XTAL FC-135	XTAL_FC135	XTAL_FC135	Y2	CRYSTAL, CRYSTAL OSCILLATOR, 24MHz, -15PPM/DEGC/+15PPM/DEGC, - 40DEGC/+85DEGC, SMD	1
XTAL TSX- 3225	XTAL_TSX3225	XTAL_TSX3225			

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Approved	Notes