

Source: _WBLNA\Kicad_WBLNA.sch

Date: 20/09/2019 08:41:46

Tool: Eeschema (5.0.2)-1

Component Count: 47

Ref	Qty	Value	Cmp name	Footprint	Description	Distributor	Order code	Unit price
BOX1,	1	Case_1590LLB_Hammond	Case_1590LLB_Hammond	WBLNA:1590LLB	Hammond aluminium enclosure 1590LLB	Mouser	546-1590LLB	6,150 €
C1,	1	100nF/25V X7R	C_Small	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor, small symbol	Mouser	710-885012206071	0,033 €
C2, C12,	2	220uF/20V OSCON	CP_Small	Capacitor_SMD:CP_Elec_8x6.9	Polarized capacitor, small symbol	Mouser	667-20SVPK220M	1,480 €
C4, C3,	2	22uF/16V X5R	C_Small	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor, small symbol	Mouser	81-GRM219R61C226ME1K	0,441 €
C5, C13,	2	270pF/COG	C_Small	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor, small symbol	Mouser	77-VJ0805A271FXACBC	0,144 €
C8, C16,	2	10pF/COG	C_Small	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor, small symbol	Mouser	77-VJ0805A100FXACBC	0,126 €
C9, C7, C17, C15, C11,	5	100nF/25V X7R	C_Small	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor, small symbol	Mouser	710-885012206071	0,033 €
C10, C6, C18,	4	10nF/25V X7R	C_Small	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor, small symbol	Mouser	710-885012206065	0,040 €
C19,	1	1nF/50V COG 2%	C_Small	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor, small symbol	Mouser	77-VJ0805A102GXACBC	0,189 €
D1,	1	BAT54S	BAT54S	Package_TO_SOT_SMD:SOT-23	schottky barrier diode	Mouser	863-BAT54SLT1G	0,126 €
D2,	1	P4SMA12A	P4SMA12A	Diode_SMD:D_SMA	Surface Mount TRANSZORBÂ®Transient Voltage Suppressors	Mouser	625-P4SMA12A-E3	0,324 €
D3,	1	MBR0540	MBR0540	Diode_SMD:D_SOD-123	40V 0.5A Schottky Power Rectifier Diode, SOD-123	Mouser	863-MBR0540T1G	0,271 €
D4,	1	Led 3mm green	LED_ALT	LED_THT:LED_D3.0mm_Clear	Light emitting diode, filled shape	Mouser	710-151031VS06000	0,140 €
J1, J6, J7,	3	BNC	Conn_Coaxial	WBLNA:BNC_edge_solderSMD	coaxial connector (BNC, SMA, SMB, SMC, Cinch/RCA, ...)	Mouser	571-5-1634523-1	1,310 €
J2,	1	Jack-DC	Jack-DC	WBLNA:BarrelJackSMD_Wurth_694108106102	DC Barrel Jack	Mouser	710-694106106102	1,540 €
J4, J3,	2	Jumper_NC_Dual	Jumper_NC_Dual	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical	Dual jumper, normally closed	Mouser	855-M20-9730345	0,162 €
J5,	1	Jumper_NC_Small	Jumper_NC_Small	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	Jumper, normally closed, small symbol	Mouser	855-M20-9730245	0,144 €
R2, R5,	2	499	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW0805499RFKEA	0,090 €
R3, R6,	2	39.2	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW0805-39.2-E3	0,090 €
R8, R1, R7, R4,	4	49.9	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW0805499RFKEAC	0,090 €
R9, R10, R13,	3	10k	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW080510K0FKEA	0,090 €
R11,	1	10	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW080510R0FKEA	0,090 €
R12,	1	4.99k	R_Small	Resistor_SMD:R_0805_2012Metric	Resistor, small symbol	Mouser	71-CRCW08054K99FKEA	0,090 €
U1, U2,	2	LT6200CS8-10#PBF	LT6200-10	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm		Mouser	584-LT6200CS8-10#PBF	3,280 €
U3,	1	AD8510ARZ	AD8510ARZ	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	Precision, Very Low Noise, Low Input Bias Current, Wide Bandwidth JFET Operational Amplifiers	Mouser	584-AD8510ARZ	2,520 €

TOTAL	28,128 €
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