

VHFDesign Price List

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<https://vhfdesign.com>

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KIT	Unit price	P2P price	Paypal price	Ebay price	Specifications
6m band LNAs					
LNA-6m-QRO	\$150.00	\$162.00	\$180.00	\$198.00	LNA 6m QRO, NF < 0.6 dB, Gain = 18 dB, OIP3 = 38 dBm, Built-in bypass relays up to 1500 Watts, N-female connectors
2m band LNAs					
PCB-LNA-2m-SPF	\$30.00	\$36.00	\$40.00	\$44.00	SPF5122z based assembled and tested PCB, NF < 0.4 dB, Gain = 20 dB, OIP3 = 35 dBm
LNA-2m-SPF	\$60.00	\$68.00	\$75.00	\$83.00	SPF5122z based LNA in aluminum case, NF < 0.4 dB, Gain = 20 dB, OIP3 = 35 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-2m-EME	\$60.00	\$66.00	\$73.00	\$81.00	ATF-531P8 based assembled and tested PCB, NF < 0.3 dB, Gain > 24 dB, OIP3 = 37 dBm
LNA-2m-EME	\$90.00	\$98.00	\$109.00	\$120.00	ATF-531P8 based LNA in aluminum case, NF < 0.3 dB, Gain > 24 dB, OIP3 = 37 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-2m-VOX	\$60.00	\$66.00	\$73.00	\$81.00	PGA-103+ based assembled and tested PCB, NF < 0.6 dB, Gain = 22 dB, OIP3 = 38 dBm, Built-in bypass relays up to 100 Watts, RF VOX protection up to 50 Watts
LNA-2m-VOX	\$90.00	\$98.00	\$109.00	\$120.00	PGA-103+ based LNA in aluminum case, NF < 0.6 dB, Gain = 22 dB, OIP3 = 38 dBm, Built-in bypass relays up to 100 Watts, RF VOX protection up to 50 Watts, N-female connectors (by default) or SMA-female connectors (by request)
LNA-2m-QRO-EME	\$160.00	\$172.00	\$191.00	\$210.00	ATF-531P8 based LNA in aluminum case, NF < 0.4 dB, Gain = 26 dB, OIP3 = 36 dBm, Built-in bypass relays up to 1200 Watts, N-female connectors
73cm band LNAs					
PCB-LNA-73cm-SAV	\$40.00	\$46.00	\$51.00	\$56.00	SAV-541+ based assembled and tested PCB, NF < 0.3 dB, Gain > 18 dB, OIP3 = 33 dBm
LNA-73cm-SAV	\$70.00	\$78.00	\$86.00	\$95.00	SAV-541+ based LNA in aluminum case, NF < 0.3 dB, Gain > 18 dB, OIP3 = 33 dBm, N-female connectors (by default) or SMA-female connectors (by request)
70cm band LNAs					
PCB-LNA-70cm-SPF	\$30.00	\$36.00	\$40.00	\$44.00	SPF5122z based assembled and tested PCB, NF < 0.5 dB, Gain = 20 dB, OIP3 = 36 dBm
LNA-70cm-SPF	\$60.00	\$68.00	\$75.00	\$83.00	SPF5122z based LNA in aluminum case, NF < 0.5 dB, Gain = 20 dB, OIP3 = 36 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-70cm-SAV	\$40.00	\$46.00	\$51.00	\$56.00	SAV-541+ based assembled and tested PCB, NF < 0.3 dB, Gain = 18 dB, OIP3 = 33 dBm
LNA-70cm-SAV	\$70.00	\$78.00	\$86.00	\$95.00	SAV-541+ based LNA in aluminum case, NF < 0.3 dB, Gain = 18 dB, OIP3 = 33 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-70cm-EME	\$60.00	\$66.00	\$73.00	\$81.00	ATF-531P8 based assembled and tested PCB, NF < 0.4 dB, Gain > 20 dB, OIP3 = 37 dBm
LNA-70cm-EME	\$90.00	\$98.00	\$109.00	\$120.00	ATF-531P8 based LNA in aluminum case, NF < 0.4 dB, Gain > 20 dB, OIP3 = 37 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-70cm-VOX	\$60.00	\$66.00	\$73.00	\$81.00	PGA-103+ based assembled and tested PCB, NF < 0.8 dB, Gain = 20 dB, OIP3 = 38 dBm, Built-in bypass relays up to 75 Watts, RF VOX protection up to 50 Watts
LNA-70cm-VOX	\$90.00	\$98.00	\$109.00	\$120.00	PGA-103+ based LNA in aluminum case, NF < 0.8 dB, Gain = 20 dB, OIP3 = 38 dBm, Built-in bypass relays up to 75 Watts, RF VOX protection up to 50 Watts, N-female connectors (by default) or SMA-female connectors (by request)
23cm band LNAs					
PCB-LNA-23cm-SKY	\$60.00	\$66.00	\$73.00	\$81.00	MMIC SKY67151 based LNA assembled and tested PCB, NF < 0.3 dB, Gain > 20 dB, OIP3 = 37 dBm
LNA-23cm-SKY	\$90.00	\$98.00	\$109.00	\$120.00	MMIC SKY67151 based LNA in aluminum case, NF < 0.3 dB, Gain > 20 dB, OIP3 = 37 dBm, N-female connectors (by default) or SMA-female connectors (by request)
PCB-LNA-23cm-EME	\$70.00	\$76.00	\$84.00	\$93.00	MMIC SKY67151 + PGA-103+ based assembled and tested PCB, NF < 0.3 dB, Gain > 34 dB, OIP3 = 37 dBm
LNA-23cm-EME	\$100.00	\$108.00	\$120.00	\$132.00	MMIC SKY67151 + PGA-103+ based LNA in aluminum case, NF < 0.3 dB, Gain > 34 dB, OIP3 = 37 dBm, N-female connectors (by default) or SMA-female connectors (by request)
21cm band LNAs					
PCB-LNA-21cm-EME	\$70.00	\$76.00	\$84.00	\$93.00	MMIC SKY67151 + PGA-103+ based assembled and tested PCB, NF < 0.35 dB, Gain = 34 dB, OIP3 = 37 dBm
LNA-21cm-EME	\$100.00	\$108.00	\$120.00	\$132.00	MMIC SKY67151 + PGA-103+ based LNA in aluminum case, NF < 0.35 dB, Gain = 34 dB, OIP3 = 37 dBm, N-female connectors (by default) or SMA-female connectors (by request)
23cm band Transverters					
TR-23cm-2m-IF	\$320.00	by request			Aluminium case, SMA-Type connectors. RF range: 1296 – 1298 MHz (at about 1260 – 1320 MHz, BW = 80MHz), IF range: 144 – 146 MHz (at about 108 – 168 MHz, LO = 1152 MHz), NF < 0.6 dB, Pout = 24 dBm at Pin (144 MHz) = 3 Watt, PLL SSB PN @ 10 kHz Offset: -118 dBc/Hz

6cm band Transverters					
TR-6cm-70cm-IF	\$320.00	by request		Aluminium case, SMA-Type connectors. Frequency coverage: 5650 — 5850 MHz, LO = 5325 MHz, NF < 1.5 dB, Pout = 13 dBm at Pin (435 MHz) = 2 Watt, PLL SSB PN @ 10 kHz Offset: -109 dBc/Hz	
23cm band PAs					
PA-150W-pallet	\$270.00	\$294.00	\$317.00	\$349.00	150 Watts edition, Aluminium case, w/o heatsink, 1 x MRFE6S9160HS, 1260 — 1300 MHz, P input TX < 6 Watt, Pout = 150 Watt (JT65, FM), Pout = 180 Watt (CW, SSB), 50 ohms, N-female connectors
PA-150W-pallet with heatsink	\$350.00	by request		150 Watts edition, with heatsink and fans, Aluminium case, 1 x MRFE6S9160HS, 1260 — 1300 MHz, P input TX < 6 Watt, Pout = 150 Watt (JT65, FM), Pout = 180 Watt (CW, SSB), 50 ohms, N-female connectors	
PA-300W-pallet	\$440.00	\$472.00	\$514.00	\$569.00	300 Watts edition, Aluminium case, w/o radiator, 2 x MRFE6S9160HS, 1260 — 1300 MHz, P input TX < 12 Watt, Pout = 300 Watt (JT65, FM), Pout = 320 Watt (CW, SSB), VDC = 28 V, IDQ = 24 A, 50 ohms, N-female connectors
PA-300W-pallet with heatsink	\$520.00	by request		300 Watts edition, with heatsink and fans, Aluminium case, 2 x MRFE6S9160HS, 1260 — 1300 MHz, P input TX < 12 Watt, Pout = 300 Watt (JT65, FM), Pout = 320 Watt (CW, SSB), VDC = 28 V, IDQ = 24 A, 50 ohms, N-female connectors	
PA-controller-KIT	\$100.00	\$108.00	\$120.00	\$132.00	PA controller KIT solution
Other ham-radio equipment					
PCB-Sequencer	\$22.00	\$27.00	\$30.00	\$34.00	Assembled and tested Sequencer PCB, FR4 1.5mm, 5 ports, P1-P4 – 50V/3A (max), P5 – 30V/7A (max)
PCB-for-RA-modules	\$8.00	\$12.00	\$14.00	\$16.00	Assembled and tested PCB, compatible with RA60H1317M, RA60H4047M, RA18H1213G and other modules
LO-PLL-USB-ADF4350	\$60.00	\$66.00	\$73.00	\$81.00	PLL-USB-ADF4350, user programmable board with software. RF Range: 140 MHz — 4400 MHz Output power > 10dBm, TCXO stability: typ. +/- 0.5ppm, 10 MHz, PCB dimensions (mm): 54 x 29 x 6, Supply operation: +5 V DC at IDQ < 150 mA
LO-PLL-USB-ADF4351	\$65.00	\$71.00	\$79.00	\$87.00	PLL-USB-ADF4351, user programmable board with software. RF Range: 50 MHz — 4400 MHz Output power > 10dBm, TCXO stability: typ. +/- 0.5ppm, 10 MHz, PCB dimensions (mm): 54 x 29 x 6, Supply operation: +5 V DC at IDQ < 150 mA
LO-PLL-USB-MAX2871	\$70.00	\$76.00	\$84.00	\$93.00	PLL-USB-MAX2871, user programmable board with software. RF Range: 50 MHz — 6000 MHz Output power > 10dBm, TCXO stability: typ. +/- 0.5ppm, 10 MHz, PCB dimensions (mm): 54 x 29 x 6, Supply operation: +5 V DC at IDQ < 150 mA

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