

# VHFDesign Price List

Revision date: 2017-10-14

<http://vhfdesign.com>

[sales@vhfdesign.com](mailto:sales@vhfdesign.com)

KIT	Unit price	Stock price	Ebay price	Specifications
<b>6m band LNAs</b>				
LNA-6m-QRO	\$150.00	<b>\$191.00</b>	\$212.00	LNA 6m QRO, NF < 0.6 dB, Gain = 18 dB, OIP3 = 38 dBm, Built-in bypass relays up to 1500 Watts, N-female connectors
<b>2m band LNAs</b>				
PCB-LNA-2m-SPF	\$30.00	<b>\$41.00</b>	\$46.00	SPF5122z based assembled and tested PCB, NF < 0.4 dB, Gain = 20 dB, OIP3 = 35 dBm
LNA-2m-SPF	\$60.00	<b>\$78.00</b>	\$86.00	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	<b>\$78.00</b>	\$86.00	ATF-531P8 based assembled and tested PCB, NF < 0.3 dB, Gain > 24 dB, OIP3 = 37 dBm
LNA-2m-EME	\$90.00	<b>\$115.00</b>	\$128.00	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	<b>\$78.00</b>	\$86.00	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	<b>\$115.00</b>	\$128.00	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	\$150.00	<b>\$191.00</b>	\$212.00	LNA 2m QRO, NF < 0.6 dB, Gain = 18 dB, OIP3 = 38 dBm, Built-in bypass relays up to 1500 Watts, N-female connectors
<b>73cm band LNAs</b>				
PCB-LNA-73cm-SAV	\$40.00	<b>\$53.00</b>	\$59.00	SAV-541+ based assembled and tested PCB, NF < 0.3 dB, Gain > 18 dB, OIP3 = 33 dBm
LNA-73cm-SAV	\$70.00	<b>\$91.00</b>	\$101.00	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)
<b>70cm band LNAs</b>				
PCB-LNA-70cm-SPF	\$30.00	<b>\$41.00</b>	\$46.00	SPF5122z based assembled and tested PCB, NF < 0.5 dB, Gain = 20 dB, OIP3 = 36 dBm
LNA-70cm-SPF	\$60.00	<b>\$78.00</b>	\$86.00	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	<b>\$53.00</b>	\$59.00	SAV-541+ based assembled and tested PCB, NF < 0.3 dB, Gain = 18 dB, OIP3 = 33 dBm
LNA-70cm-SAV	\$70.00	<b>\$91.00</b>	\$101.00	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	<b>\$78.00</b>	\$86.00	ATF-531P8 based assembled and tested PCB, NF < 0.4 dB, Gain > 20 dB, OIP3 = 37 dBm
LNA-70cm-EME	\$90.00	<b>\$115.00</b>	\$128.00	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	<b>\$78.00</b>	\$86.00	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	<b>\$115.00</b>	\$128.00	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)
<b>23cm band LNAs</b>				
PCB-LNA-23cm-EME	\$70.00	<b>\$91.00</b>	\$101.00	MMIC SKY67151 + PGA-103+ based assembled and tested PCB, NF < 0.3 dB, Gain > 34 dB, OIP3 = 37 dBm
LNA-23cm-EME	\$100.00	<b>\$127.00</b>	\$142.00	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)
LNA-23cm-SKY	\$90.00	<b>\$115.00</b>	\$128.00	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)
<b>21cm band LNAs</b>				
PCB-LNA-21cm-EME	\$70.00	<b>\$91.00</b>	\$101.00	MMIC SKY67151 + PGA-103+ based assembled and tested PCB, NF < 0.35 dB, Gain = 34 dB, OIP3 = 37 dBm
LNA-21cm-EME	\$100.00	<b>\$127.00</b>	\$142.00	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)
<b>23cm band Transverters</b>				

TR-23cm-2m-IF	\$320.00	<b>by request</b>		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
<b>6cm band Transverters</b>				
TR-6cm-70cm-IF	\$320.00	<b>\$399.00</b>	\$443.00	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
<b>23cm band PAs</b>				
PA-150W-pallet	\$280.00	<b>\$349.00</b>	\$389.00	150 Watts edition, Aluminium case, w/o radiator, 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-radiator	\$360.00	<b>\$449.00</b>	\$499.00	150 Watts edition, installed on radiator vs 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	\$480.00	<b>\$599.00</b>	\$665.00	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-radiator	\$560.00	<b>by request</b>		300 Watts edition, installed on radiator vs 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
<b>Other ham-radio equipment</b>				
PCB-Sequencer	\$22.00	<b>\$31.00</b>	\$35.00	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	<b>\$14.00</b>	\$16.00	Assembled and tested PCB, compatible with RA60H1317M, RA60H4047M, RA18H1213G and other modules
PLL-LO-ADF4350	\$34.00	<b>\$46.00</b>	\$52.00	RF Range: 550 MHz — 4400MHz (possible range for programming of 4 fixed frequencies), Output power > 10dBm, External reference range: 10 MHz — 25 MHz, PCB dimensions (mm): 35 x 28 x 6, Supply operation: +5 V DC at IDQ < 140 mA
PLL-LO-ADF4350-TCXO	\$40.00	<b>\$53.00</b>	\$59.00	RF Range: 550 MHz — 4400MHz (possible range for programming of 4 fixed frequencies), Output power > 10dBm, TCXO stability: typ. +/- 2ppm, 10 MHz, PCB dimensions (mm): 35 x 28 x 6, Supply operation: +5 V DC at IDQ < 140 mA

The lowest possible price = Unit price + shipping charges.

Stock price includes payment, shipping and insurance charges.

Ebay price includes additional charges.

KITs order: <http://vhfdesign.com/en/clients/kits-order>