

# HAM-PLLS DIETER LEUPOLD

**USt-ID:DE293184969**

<b>Boards complete with Controller and Software, but without Internal TCXO , selectable Options see below</b>		
<b>100 - 800MHz</b>	<b>38 Euro</b>	<b>LMX2330/2354 with Divider</b>
<b>800 – 2300MHz</b>	<b>35 Euro</b>	<b>LMX2330</b>
<b>800 – 4100MHz</b>	<b>39 Euro</b>	<b>ADF4153 (better Noise)</b>
<b>400 – 800MHz</b>	<b>42 Euro</b>	<b>ADF4153 with Divider</b>
<b>4100 – 6100MHz</b>	<b>45 Euro</b>	<b>ADF4153 with Doubler</b>
<b>For Ext. 10MHz Reference</b>	<b>0 Euro</b>	
<b>Internal TCXO (Option 1)</b>	<b>+ 3 Euro</b>	<b>+ 1ppm 0° to + 70°C</b>
<b>Option 1 not for 10GHz and 15,6MHz!</b>		
<b>Internal TCXO (Option 2)</b>	<b>+ 9 Euro</b>	<b>+ 0,5ppm -20° to + 60°C</b>
<b>Internal TCXO (Option 3)</b>	<b>+ 17 Euro</b>	<b>+ 0,25ppm -20° to 70°C</b>
<b>Complete in Box</b>	<b>+ 11 Euro</b>	<b>Schuberth Metal Box with SMA female and DC Connector</b>
<b>SMB/SMA Connector Solder Feed Through.</b>	<b>+1,50Euro</b>	<b>For External 10MHz Reference Frequency</b>
<b>10GHz PLL in Box</b>	<b>63 Euro</b>	<b>For External Reference</b>
<b>8-9,5GHz + 11-13,5GHz</b>	<b>43 Euro</b>	<b>You supply the VCO (quite expensive !)</b>
<b>27MHz complete in Box</b>	<b>44 Euro</b>	<b>F-fem and SMA for 10MHz</b>
<b>27MHz Board only</b>	<b>32 Euro</b>	
<b>15,6MHz PLL Board</b>	<b>32 Euro</b>	<b>For External Reference</b>
<b>GPSDO</b>	<b>98 Euro</b>	<b>Outputs 4 x SMA</b>
<b>GPSDO Slim Version</b>	<b>80 Euro</b>	<b>Output 1 x SMA</b>
<b>GPS Antenna 3m Cable</b>	<b>8 Euro</b>	<b>SMA Male Magnetic</b>
<b>GPS Antenna 5m Cable</b>	<b>12 Euro</b>	<b>SMA Male Magnetic</b>
<b>10MHz Clock Oscillator</b>	<b>27 Euro</b>	<b>High Precision and Stable</b>
<b>27MHz Clock Oscillator</b>	<b>25 Euro</b>	<b>High Precision and Stable</b>
<b>Clock Oscillator in Box</b>	<b>+7 Euro</b>	<b>SMA female + DC Connector</b>
<b>10 MHz Buffer 1:4</b>	<b>24 Euro</b>	<b>Sine Wave</b>
<b>10 MHz Buffer 1:10</b>	<b>29 Euro</b>	<b>Sine Wave</b>
<b>10 MHz Buffer 2:5</b>	<b>34 Euro</b>	<b>1x5 or 2x5 Out selectable</b>
<b>FET Negative Supply</b>	<b>12,50 Euro</b>	<b>Board</b>

No Shipping outside the EU (European Union) possible!

**Valid from 01.10.2017**