



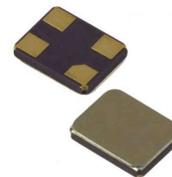
## High Frequency Quartz Crystals

The MTHF range of smd high frequency crystals

Features.

- **Frequency Range** – 491.520MHz to 1,000MHz
- **Dimensions** - 3.2 x 2.5mm smd package
- **Operating Temperature** - -55°C to +125°C
- **Stability** -  $\pm 20$ ppm to  $\pm 50$ ppm
- **Suitable for** – PDAs, hand-held GPS and PCMCIA applications

Datasheet: <https://www.euroquartz.co.uk/media/2690/mthf-iss1.pdf>



## High Temperature Clock Oscillators

The XO32-HT series provides operation at high temperatures

Features:

- **Operating Temperature** - -40°C to +200°C
- **Frequency Range** - 1.000MHz to 150.000MHz
- **Supply Voltages** - 1.8V / 2.5V / 3.0V and 3.3V
- **RMS Jitter** - 20ps Typical (12kHz to 200MHz band)

Datasheet: <https://www.euroquartz.co.uk/media/2691/xo32ht-iss1.pdf>



## Differential Output TCXOs

In collaboration with Mercury Electronic Ind co Ltd of Taiwan, our long-term collaboration partner, we are able to offer the following cutting-edge range of high speed TCXOs.

**EMQN Range** Provides LVDS and PECL outputs in various package sizes and  
RMS Jitter (12 kHz ~ 20MHz) : 0.8 ps typ.

Frequency Range: 10.0 ~ 1500MHz

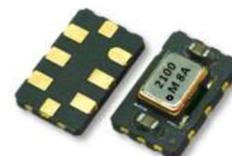
**EMQF Range** Provides LVDS and PECL outputs in various package sizes and  
RMS Jitter (12 kHz ~ 20MHz) : 1.0 ps typ.

Frequency Range: 10.0 ~ 1500MHz

**EMJF Range** Provides LVDS ,PECL, HCSL and CML outputs in various package sizes and  
RMS Jitter (12 kHz ~ 20MHz) : 1.0 ps typ.

Frequency Range: 15.0 ~ 1500MHz

Datasheets: <https://euroquartz.co.uk/media/2705/v-emjf-consolidated.pdf>  
<https://euroquartz.co.uk/media/2706/v-emqn-consolidated.pdf>  
<https://euroquartz.co.uk/media/2704/v-emqf-consolidated.pdf>



## Very Low Frequency Crystals

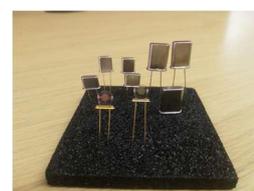
Euroquartz are re-introducing a range of low frequency SL cut crystals to their range

**UM1-SL Series** Frequency Range: 800kHz to 1.28MHz

**HC49U - Series** Frequency Range: 300kHz to 1.28MHz

**HC51U - Series** Frequency Range: 182.784kHz to 1.00MHZ

Datasheets: <https://euroquartz.co.uk/media/2701/um1sl.pdf>  
<https://euroquartz.co.uk/media/2702/hc49sl.pdf>  
<https://euroquartz.co.uk/media/2703/hc51sl.pdf>



We are exhibiting at the EDS show in Coventry 9<sup>th</sup> to 10<sup>th</sup> October at the CBS Arena-Coventry, we would be delighted to meet you on STAND H4

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