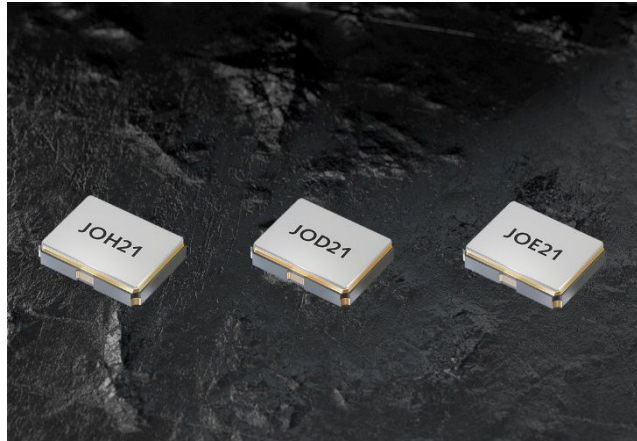


Product Spotlight

New miniature oscillators for reliable data transmission

The JOD21, JOH21 and JOE21 crystal oscillators are ideal for the reliable clocking of fast data streams, for example, in high-speed communication. Let's take a closer look at the new miniature oscillators:



3 technical properties:

- Differential HCSL, LVDS or (LV)PECL output
- Extremely low phase jitter of less than 60 fs ensures reliable data transmission
- Industry's smallest oscillator with differential output in an industry-standard housing measuring just 2.0 x 1.6 mm

Three typical areas of application:

- Servers, data centers
- Ethernet, SDH/ SONET
- Optical modules, storage devices, devices for the Internet of Things (IoT)

Three special features:

- LVDS and HCSL also available in operating voltage from 1.8 V
- For frequencies from 100.0 MHz to 160 MHz. Further oscillators with differential output are available in 3.2 x 2.5 mm or 7.0 x 5.0 mm housings for frequencies from 13.5 MHz to 320 MHz.
- Overall stability of ± 50 ppm over a wide temperature range from -40 °C to +85 °C

The Specialist for Frequency Control Products

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