

Oven stabilized quartz oscillator for the surface mounted technology (SMT)

Profit from our long-time know-how with quartz-oscillators



These miniature OCXO's in surface mounted technology reach stability values which can only be achieved with a basically bigger design by other manufactures.

Even with the smallest design 12,8x20x10mm temperature stability of <10ppb (-20...+70°C) are achievable with AT-quartzes.

The thermal optimized design of ceramic substrate with the integrated quartz resonator and the usage of high quality components admit also operating conditions within a higher temperature range (-55...+85°C). A hermetical sealing within an inert gas atmosphere provides among other things the high reliability and an excellent long-term stability.

To the particular features next to a small design counts the short warm-up time, a low power consumption of ca. 400mW at room temperature, a high vibrations and shock resistance and the high frequency stability.

The available frequency range reaches from 2 to 80 MHz by the common supply voltages of 3,3V, 5V or 12V DC. The oscillators provides as standard an HCMOS-compatible output signal, but sinus variants are also available.

You can receive detailed data sheets and additional information at our web-site (www.quintenz.de) or our distributor.



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