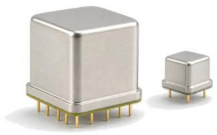
Product catalog

Oven Controlled Crystal Oscillators (OCXO)

An oven controlled crystal oscillator stabilizes a crystal's temperature to reduce frequency drift. OCXOs provide references where warm-up, temperature stability and aging must be budgeted together.



Products: 1

Revision: 1 · Revision date: 2026-11-08



LCOCXO-100M-50P-LN-5V

100 MHz OCXO with ±50 ppb Temperature Stability

Sine-wave reference with 8 dBm typical output, 4.8–5.2 V supply range and specified output characteristics from −55 to +85 °C.

Output frequency: Value: 100; Unit: MHz; Notes: Typical: 100 MHz.

Initial frequency accuracy: Value: ±0.2; Unit: ppm; Notes: Stated signed tolerance; not a scalar minimum limit. At +25 °C, 15 minutes after power-on, within 90 days of shipment.; At +25 °C, 15 minutes after power-on, within 90 days of shipment.

Waveform: Value: Sine wave

Output level: Value: +6 / +8; Unit: dBm; Notes: Typical: 8 dBm. Minimum: 6 dBm.

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.