

VCXOs for Telecom Applications



A new line of VCXO oscillators offering a good cost to performance ratio has been introduced by Fox Electronics. The new VCXO-C4 features an inexpensive metal DIP package and is ideal for telecommunications, telephony, and datacom applications such as set top boxes.

The cost/performance ration of the new VCXO-C4 also makes it ideal for use as a general purpose oscillator in a wide range of other applications requiring an inexpensive, tight stability, low power consumption, voltage controlled crystal oscillator.

The new Fox oscillators feature a standard stability of ± 50 PPM over -10°C to $+70^{\circ}\text{C}$. The pullability of the VCXO-C4 is a minimum of ± 100 PPM with a control voltage of 2.5 V \pm 2 V on pin 1. The oscillators are offered in frequencies from 1.000 to 40.000 MHz, including the popular 27.000 and 35.328 MHz versions that ship from stock.

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