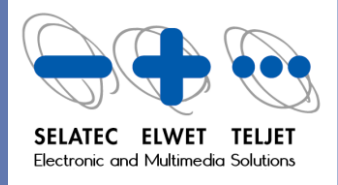




Electronic News Q2 - 2016



Verteiler:

- Einkauf Elektronik
- Entwicklung Hardware

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PROTEK DEVICES components series are now DO160 compliant

PROTEK DEVICES is pleased to announce that many of its series of circuit protection components are now DO160 environmental conditions and test procedures for airborne equipment) compliant. These series include: DLZ, SMBJ, SMP6LL, 15KPA, 5.0SMDJ, 60KS, PHP, PIP, SM10KW, SM15KPA, SM3KW, SM5KW, SMCJ, 30KPA, 70415K36 / T, 90KS, P15KPA, P30KPA, SM30KPA, 2700SM78CAN, 587B, and the GPZ1275.

<http://www.protekdevices.com>



Applications: Battery management systems, communication modules and systems, LCD lighting systems and smart meters (AMR)

Smallest 32.768kHz clock oscillator

IQD have launched what they believe to be the world's smallest 32.768kHz clock oscillator in a design that also delivers very low power. Measuring is just 1.6 x 1.2 x 0.7mm. These oscillators are available in three supply voltages: 1.8V (IQXO-986), 2.5V (IQXO-985) and 3.3V (IQXO-984) with frequency stabilities of ±30ppm over -20°C to 70°C or ±50ppm over -40°C to 85°C.

Please contact us for, inquiries, samples or technical requests.

- DATASHEET: IQXO-986**
- DATASHEET: IQXO-985**
- DATASHEET: IQXO-984**

<http://www.iqdfrequencyproducts.com>



Applications: battery operated applications iGPS mobile, portable navigation, ethernet, smart wireless devices, Wi-Fi, WiMax, WLAN

Miniature Low Power TCXO

Housed in an ultra-miniature 2.0 x 1.6 x 0.8mm hermetically sealed ceramic package, IQD's new IQXT-270 series of TCXOs employs an analogue ASIC for the oscillator and a high order temperature compensation circuit. With a maximum current consumption of only 2.2mA, the IQXT-270 offers stabilities down to ±0.5ppm over an operating temperature range of -40 to 85 degrees C with a clipped sinewave output. Operating from 1.8 to 3.0V, the new range is available in three options: TCXO, VCTCXO & TCXO with enable/disable function, all across a frequency range of 13 to 52MHz.

Please contact us for, inquiries, samples or technical requests.

DATASHEET: IQXT-270

<http://www.iqdfrequencyproducts.com>