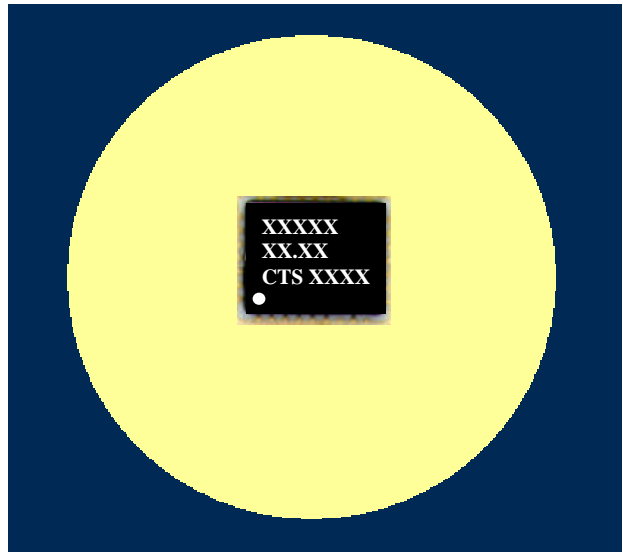


Features:

- SPI – Digital frequency adjust
- Stable frequency over temperature
- Good SSBN Noise performance
- Customer Programmable Features
- Surface Mount Package

Description and Applications:

Surface mount 11x14 mm Temperature Compensated Crystal Oscillator (TCXO) for use in 3G, GSM, TDMA, CDMA, PDAs, Satellite handsets, 2-way radios, Pagers, Analog applications, and other portable electronics requiring a stable frequency source.



Electrical Specifications:

OSC1204B, D, F, H	Specification
Nominal Frequency	19.2 MHz
Supply Voltage (Vdd)	B and D: 3V ± 10% F and H: 5V ± 5%
Frequency Stability over Temperature	± 1.0 PPM (-30C to 85C)
RF output (DC Coupled)	B and F: 0.8 Vpp minimum, True Sinewave D and H: Vdd-0.5 minimum, Squarewave
Current Drain	B and F: <2 mA maximum (Sinewave) D and H: < 4 mA maximum (Squarewave)
Frequency Adjust Method	Digital SPI
Frequency Adjust Range	± 10 PPM minimum
SSBN at 10 kHz offset	-140 dBc/Hz maximum
Aging	± 1 PPM/Yr @25C

