

Crystal Clock Oscillator

SaRonix announces their 1.8 volt HCMOS crystal clock oscillator. This device are available in SaRonix's NTH (metal package, through-hole mount) and S1612 (ceramic, surface mount) models.

Throughout its frequency range of 20 - 70 MHz, the NTH Series HCMOS crystal clock oscillator maintains a stability of (50 ppm or (100 ppm over all conditions, and operates at temperatures between 0 to 70°C. Supply current ranges from a 6 - 20 mA for frequencies up to 50 MHz, to 10 - 50mA approaching 70 MHz. A tri-state function enables a high-impedance output when desired.

Available as a half-size, 8-pin through-hole mount DIP metal package, the NTH crystal clock oscillator addresses the needs of developers that prefer leaded parts to fit sockets on their development boards. As model number S1612, the same functionality is on tap in a surface-mount, 5 x 7 mm ceramic package to fill production quantity orders on tape or reel.

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