

製品紹介

OCXO、TCXO



アスニクス株式会社

<https://www.asnics.com/index.html>

[本社] TEL : 045-470-6515 FAX : 045-470-6518
[大阪営業所] TEL : 06-6195-2111 FAX : 06-6195-2155

OCXO

O22S (Meet the holdover demand of $\pm 1.5\mu\text{s}/8\text{H}$ @ $\pm 10^\circ\text{C}$)

- Operating Voltage: 3.3V/5.0V
- ✓ Power Consumption: Warm Up 2.5W, Stable 0.8W
- ✓ PKG: SMD 25.4X22.4X12mm
- ✓ Temperature Stability: $-40^\circ\text{C} \sim +105^\circ\text{C}$, $\pm 0.05\text{ppb}$ / $\pm 0.1\text{ppb}$ / $\pm 0.5\text{ppb}$
- ✓ G-sens: 3ppb/g
- ✓ Slope: 0.1ppb/ $^\circ\text{C}$
- Day-Aging: $\pm 0.3\text{ppb}$, Year-Aging: $\pm 0.03\text{ppm}$
- Phase Noise: @10MHz

| | |
|------------|--------|
| -120dBc/Hz | 10Hz |
| -140dBc/Hz | 100Hz |
| -155dBc/Hz | 1KHz |
| -160dBc/Hz | 10KHz |
| -162dBc/Hz | 100KHz |
| -165dBc/Hz | 1MHz |

- Application: Banking, Power Grid, Base Station, Router, Switch, Instrument



SMD Stratum 2 OCXO



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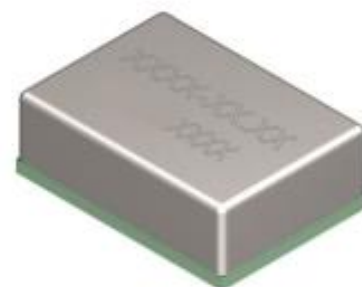
OCXO

O79 (small package and high temperature stability)

- Operating Voltage : 3.3V
- Power Consumption : Warm Up 460mA, Stable 250mA
- ✓ PKG : SMD 9.7*7.5*3.9mm
- ✓ Temperature Stability : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C} / -40^{\circ}\text{C} \sim +105^{\circ}\text{C}$, $\pm 10\text{ppb} / \pm 20\text{ppb}$
- ✓ G-sens: 0.3ppb/g
- ✓ Slope: 1ppb/ $^{\circ}\text{C}$
- Day-Aging : $\pm 3\text{ppb}$, Year-Aging : $\pm 0.1 / 0.3\text{ppm}$
- ✓ Phase Noise : @20MHz

| | |
|------------|--------|
| -110dBc/Hz | 10Hz |
| -140dBc/Hz | 100Hz |
| -155dBc/Hz | 1KHz |
| -162dBc/Hz | 10KHz |
| -165dBc/Hz | 100KHz |
| -165dBc/Hz | 1MHz |

Application: O79 Series OCXO is designed specially for 5G AAU application, also suitable for applications with small package and high temperature stability requirements.



5G AAU,
Small Cell
Solution



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OCXO

O75 (small package and high temperature stability)

- Operating Voltage: 3.3V
- Power Consumption: Warm Up 460mA, Stable 230mA
- ✓ PKG: SMD 7.5*5.5*3.3mm
- ✓ Temperature Stability: $-40^{\circ}\text{C} \sim +95^{\circ}\text{C}$, $\pm 20\text{ppb}/\pm 50\text{ppb}$
- ✓ G-sens: 0.3ppb/g
- ✓ Slope: 1ppb/ $^{\circ}\text{C}$
- Day-Aging: $\pm 5\text{ppb}$, Year-Aging: $\pm 4.6\text{ppm}/15\text{ years}$
- ✓ Phase Noise: @20MHz

| | |
|------------|--------|
| -110dBc/Hz | 10Hz |
| -140dBc/Hz | 100Hz |
| -160dBc/Hz | 1KHz |
| -165dBc/Hz | 10KHz |
| -165dBc/Hz | 100KHz |
| -165dBc/Hz | 1MHz |

Application: O75 Series OCXO is designed specially for 5G AAU application, also suitable for applications with small package and high temperature stability requirements.



5G AAU,
Small Cell
Solution



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TCXO

T32/T25/T21/T16

(Supper Small Size TCXO, ultra-wide temperature range)

- Operating Voltage: 1.8V/2.8V/3.0V/3.3V
- Operating Current: 1mA ~3mA
- PKG: SMD 5032/3225/2520/2016/1612
- ✓ Temperature Stability: **-40°C~ +85°C / -40°C~ +105°C, ±0.1ppm/±0.28ppm/±0.5ppm**
- Year-Aging: ±1ppm
- Phase Noise: @10MHz

| | |
|------------|--------|
| -90dBc/Hz | 10Hz |
| -120dBc/Hz | 100Hz |
| -140dBc/Hz | 1KHz |
| -145dBc/Hz | 10KHz |
| -150dBc/Hz | 100KHz |

- Application: Femtocell、 Nanocell、 Consumer、 IoT



Supper Small TCXO



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データシートやサンプル請求等、
ご要望がございましたら、お気軽にご連絡ください。

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