

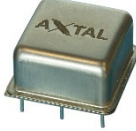



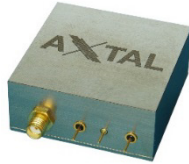
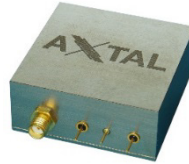

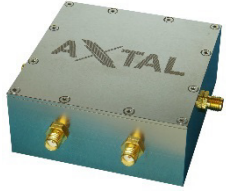


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|-----------------------------|--|---|--|--|---|
| Model |  AXPS10 |  AXPS20 |  AXGX75 |  AXGX90 |  AXE/AXIS/AXLE1000 |
| Oscillator type | PSO (SAW) | | SPXO | | SPXO / VCXO / TCXO |
| Frequency generation | Fundamental | | Frequency Multiplication | | |
| Frequency range | 950 ~ 1532 MHz | | | | 300 ~ 1300 MHz |
| Stability | ±350 ppm | | ±30 ppm | | ±0.5 ~ ±30 ppm |
| Temperature range | -40°C ~ +85°C | | | | |
| Supply voltage | 5 V | | 12 V | | |
| Feature | Gated versions for Air Traffic Control (IFF) available | | | | Low Noise |
| Size | 20 x 13 mm (CO 30) SMD | 20 x 13 mm (CO 02) THD | 25 x 25 mm (CO 43) THD | 54 x 40 x 19 mm SMA Feedthrough | 54 x 40 x 19 mm SMA Feedthrough |

More GHz Sources with specialized features see also [Gated Crystal Oscillators](#) and [PLL Oscillator Modules](#)



High Stability GHz Sources

| | | | | | | | |
|-----------------------------|---|---|--|---|---|---|---|
| Model |  |  |  |  |  |  |  |
| | AXLE130 | AXLE175 | AXLE2000 | AXIOM450 | AXIOM1000 | AXIOM2000 | AXIOM2700 |
| Oscillator type | TCXO | | | OCXO | | | |
| Frequency generation | Internal PLL / Frequency Multiplication | | | Frequency Multiplication / Mixed | | | |
| Frequency range | 500 ~ 2500 MHz | 500 ~ 2500 MHz | 1 ~ 8 GHz | 160 ~ 500 MHz | 300 ~ 1500 MHz | 10 ~ 3200 MHz | 10 ~ 7000 MHz |
| Stability | ±0.5 ppm | | | ±100 ppb | | | |
| Temperature range | -40°C ~ +85°C | | | | | | |
| Supply voltage | 5 V | | | 12 V | | | |
| Feature | Low Noise Small size | Low noise Gated version & High output level available | SHF | Ultra-Low Noise Small size | Ultra-Low Noise | Ultra-Low Noise Multiple outputs Customizable | Ultra-Low Noise Multiple outputs Customizable |
| Size | 20 x 20 x 8 mm 16 leads SMD | 25 x 25 x 8 mm 32 leads SMD | 50 x 50 x 21 mm SMA Feedthrough | 36 x 27 mm (CO 08) THD | 50 x 50 x 21 mm SMA Feedthrough | 60 x 60 x 30 mm 3x SMA Feedthrough | 70 x 70 x 30 mm 3x SMA Feedthrough |

For other GHz Sources with specialized features see also [Gated Crystal Oscillators](#) and [PLL Oscillator Modules](#)



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