

Features:

- Remote RF On/Off Control:** Manage RF signals remotely via a GUI, with access through Wi-Fi or Ethernet for convenient operation.
- Three Operating Modes:** Offers Continuous Wave (CW), Frequency Sweep, and Frequency Hop for versatile frequency control.
- Internal Filter for CW Mode:** Enables enhanced signal clarity with customizable filter settings in CW mode.
- Precision Bandwidth Control:** Fine-tune bandwidth using charge-pump current adjustments for optimal performance.
- Single Supply Operation:** Operates efficiently within an 8V to 15V power supply range.
- Reference Frequency Compatibility:** Supports a wide range of reference frequencies from 10 MHz to 250 MHz for broad system integration.
- Temperature Monitoring:** Integrated module case temperature monitoring ensures stable and reliable operation.
- Low Phase Noise:** Provides exceptional signal clarity with minimal phase noise.
- Wideband Frequency Operation:** Delivers wideband functionality to cover diverse frequency requirements.
- Reference Mode Switching:** Easily switch between internal and external reference modes, including a 100 MHz internal reference, for flexible system adaptability.

Applications

- Automated Test Equipment (ATE):** Ideal for precision testing and measurement.
- Local Oscillators:** Supports frequency generation and conversion systems.
- Telecommunications/Satellite Communications:** Reliable for high-frequency communication systems.
- Embedded Systems:** Seamless integration with compact, embedded hardware.
- Secure Communications & Electronic Warfare:** Optimized for secure, frequency-agile communication and defense applications.

