

VSC5531

10 GHz to 12.5 GHz Clock Driver

Features:

- ▶ High Sensitivity Input
- ▶ Large Output Amplitude
- ▶ Digital and Analog Phase Shift Capability
- ▶ Temperature Compensated Output Control
- ▶ Small Form Factor (1.4" x 1.4" x 0.4")

The VSC5531 is a power amplifier module that accepts a low level sinusoidal signal and generates a high quality output signal suitable for driving a Lithium Niobate RZ optical modulator. This module incorporates linear gain control, 2-bit digital phase shift control, and a wide linear phase shift control capability. The VSC5531 also incorporates a built-in temperature compensation of gain control. The module is hermetic, and dissipates 5.5 W of power.

