

# New Product Announcement!

## Voltage Controlled Oscillator MOS-868-119+

50Ω 805 to 868 MHz

### The Big Deal:

- Low Phase Noise
- Linear Tuning
- Robust design and construction
- Small size .375" x .375" x 0.131"



CASE STYLE: CZ682

**Pricing: \$15.95 (QTY 5-49)**

### Product Overview:

The MOS-868-119+ is a Voltage Controlled Oscillator, designed to operate from 805 to 868 MHz for TV Broadcasting application. The MOS-868-119+ is packaged in a metal case (size of .375" x .375" x .131") to shield against unwanted signals and noise.

### Key Features

Feature	Advantages
Low Phase Noise: -116dBc/Hz typ at 10kHz offset	Low phase noise improves system EVM (Error Vector Magnitude).
Linear Tuning Sensitivity Ratio: 1.2:1 typ.	Optimal for loop filter design.
Excellent Pulling, 0.03MHz typ. at 12dB	Improves immunity changes in output load.
Robust design and construction	To enhance the robustness of MOS-868-119+, each internal component is secured to the substrate with chip bonder, thereby eliminating the risk of tombstoning during subsequent solder reflow operations by the customer and provides better immunity to microphonic effects and reduced phase hit.
Small size, .375" x .375" x .131"	The small size enables the MOS-868-119+ to be used in compact designs.