

Frequency Synthesizer **KSND-1099N-119+**

50Ω Dual Frequency 160.5MHz (fixed) & 1073.8 to 1098.8MHz

The Big Deal

- Dual frequency
- Low phase noise and spurious
- Robust design and construction
- Small size 0.800" x 0.584" x 0.154"



CASE STYLE: DK1515

Product Overview

The KSND-1099N-119+ is a Dual Frequency Synthesizer, designed to operate at fixed frequency 160.5 MHz and at frequency range 1073.8 to 1098.8 MHz for navigation systems application. The KSND-1099N-119+ is packaged in a metal case (size of 0.800" x 0.584" x 0.154") to shield against unwanted signals and noise.

Key Features

Feature	Advantages
Dual frequency	For saving in cost and system real estate.
Low phase noise and spurious	Low phase noise and spurious improve system EVM (Error Vector Magnitude).
Robust design and construction	To enhance the robustness of KSND-1099N-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.
Small size, 0.800" x 0.584" x 0.154"	The small size enables the KSND-1099N-119+ to be used in compact designs.



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