

# Low Noise Micro-Modules for Data Centers



✓ TELECOM CABINET

✓ BRAND NEW ORIGINAL

✓ HIGH-EFFICIENCY

## Overview

The new module portfolio delivers the lowest noise figure in the industry, at less than 1 dB, enabling best-in-class receiver sensitivity and performance while handling 20W average input power enabling the removal of external circuitry. MACOM low noise amplifier MMICs cover frequencies from DC to 110 GHz operation for a wide range of applications, including network infrastructure, radar and communication systems. These highly integrated LNA MMICs come in smallest packages with ESD. A wideband, high-performance, general purpose LNA module installed in a quality aluminum enclosure. Higher gain, lower noise figure, lower power consumption and better linearity than modules based on SPF5189Z and similar LNA MMICs. Can be powered through bias tee (3. Operating from up to 40 V input, the LTM8080's front-end is a high efficiency synchronous Silent Switcher<sup>®</sup> step-down regulator followed by two.

## Low Noise Micro-Modules for Data Centers



Meet your application's needs and integrate high-linearity, low-noise MMICs with our low-noise RF amplifiers, prescalers and control products.



Our low noise amplifier selection includes models with wide bandwidth and flat gain, high IP3 and other desirable specifications to meet your needs in coaxial, MMIC surface mount and bare die formats. All ...



By integrating features that mitigate system noise and ripple, low-noise buck converters can help engineers achieve a low-noise power-supply solution without the need for an LDO.



The NT1193 is a GNSS wideband low noise amplifier (LNA) designed for multi-band GNSS systems. This LNA features high gain and low noise figure in all GNSS band from L1 to L2/L5/L6, which makes ...



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The LTM8080 is specifically designed to power digital loads that are susceptible to switching regulator noise such as data converters, RF transmitters, FPGA I/O and clock, op amps, ...



MACOMs portfolio of low noise amplifiers offer a broad array of noise figures, input IP3, and input power in bare die and a variety of package types. Offerings include wideband distributed topologies and self ...



Infineon LNAs provide fast and precise navigation, supporting smooth, high-quality streaming and high data rates under all reception conditions. These highly integrated LNA MMICs come in smallest ...



Discover low noise amplifier modules delivering superior RF gain, low distortion, and reliable microwave performance — available at AmcomUSA

## Contact Us

For more information, pricing, or custom energy solutions, please contact us:

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