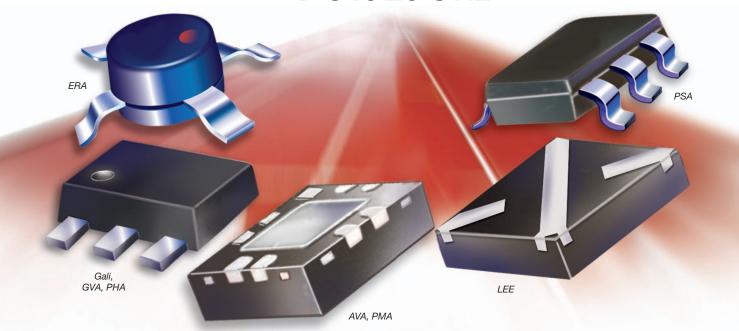
MMIC AMPLIFIERS

DC to 20 GHz



120+ CATALOG MODELS from 73 atv.1000

NF_{from} 0.5 dB, IP3_{to} +48 dBm, Gain 10_{to} 30 dB, Pout to +30 dBm

Mini-Circuits offers one of the industry's broadest selections of low-cost, MMIC Amplifiers up to 20 GHz. These ultra-broadband InGaP HBT and PHEMT amplifiers satisfy a wide range of commercial, industrial and military applications with a variety of gain, low noise and high IP3 performance to address the most difficult specifications.

Tight process controls produce consistent performance across multiple production runs, ensuring repeatability and confidence with every unit. In fact, cascading multiple amplifiers often produce less than 1dB total gain variation at any given frequency. Operating from supply voltages as low as 2.8V, current consumption down to 20 mA and packages as small as our SOT-363, these MMIC amplifiers can meet critical size and power consumption system requirements.

Visit our website to locate the amplifier that meets your specific needs. Each model includes full electrical, mechanical and environmental specifications and a full set of characterization data including S-Parameters. Also - look for our application notes that provide characterization of our MMICs for complex modulation such as WCDMA, LTE, QAM and other digital standards. All models are in stock for immediate shipment.

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