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Medium-Power Driver Amplifier Delivers High Gain and Output Power for Easy Integration in Communications Systems

NORWOOD, Mass.--(BUSINESS WIRE)-- [Analog Devices, Inc.](http://www.analog.com) today introduced a medium-power, distributed driver amplifier which operates between 24 and 35 GHz. The HMC1131 amplifier provides 22-dB of gain, +35-dBm output IP3, and +24 dBm of output power at 1-dB gain compression. The new amplifier reduces the number of components required to achieve the desired output power and small signal gain, which lowers development costs and design time by enabling simpler transmit line-ups and higher integration. Based on a GaAs (gallium-arsenide) pHEMT (pseudomorphic high-electron mobility transistor) design, the HMC1131 is ideal for civil and defense communications systems, including point-to-point and point-to-multi-point radios and VSAT and SATCOM applications. The HMC1131 is capable of supplying +25 dBm of saturated output power with 16 percent PAE and is housed in a compact, leadless 4x4 mm ceramic surface-mount package.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20150902005003/en/>

- View product page, download data sheet, order samples and evaluation boards: <http://www.analog.com/HMC1131>
- Connect with engineers and ADI product experts on EngineerZone®, an online technical support community: <https://ez.analog.com/community/rf>

HMC1131 Distributed Driver Amplifier Key Features

- High Output IP3: 35 dBm
- High Gain: 22 dB
- High P1dB Output Power: 24 dBm
- DC Supply: +5V @ 225 mA
- Compact 24-lead SMT Package: 16 mm²

Pricing and Availability

Product	Sample Availability	Full Production	Price Each per 1,000	Packaging
HMC1131	Now	Now	\$34.15	4mm X 4mm Ceramic SMT

About Analog Devices

Analog Devices (NASDAQ: ADI) designs and manufactures semiconductor products and solutions. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure and connect. Visit <http://www.analog.com>.

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