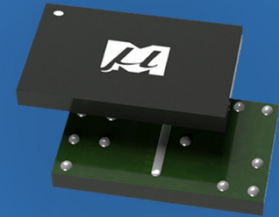
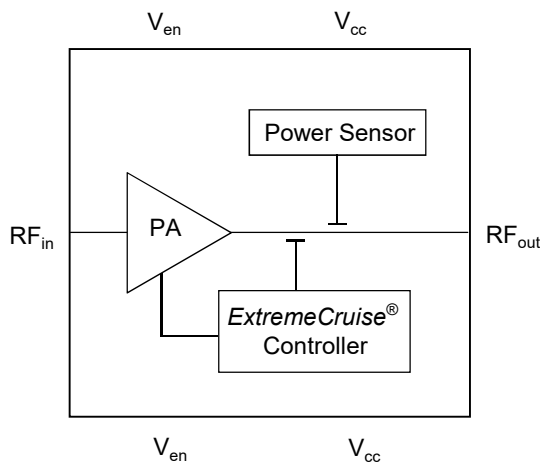


Compact Amplifier for Embedded mmWave

Small and highly efficient, mmPA4000 C-series are booster modules designed with *ExtremeCruise*[®] technology for high speed mmWave and satellite applications. These cost effective flip-chip boosters modules are ideal for embedding into SiP, AiP, PoP and overcoming higher path losses of high frequency signals. The modules integrate ultra efficient booster, impedance matching networks, bias control, and power sensors to simplify design and manufacturing of end products. The advanced bias control and compensation circuitry ensures stable performance over a wide operating range.



mmPA4000 C-series maximize the throughput and deliver the highest data rates allowing the users to truly enjoy the full potential of 5G high frequencies.



Key Features

- 10GHz to 40GHz
- Up to 14dBm avg.
- < 2%EVM
- 3.4V or 5V Vcc
- Precision Power Sensor
- High Efficiency (<250mA)
- 28dB Gain
- 1.5 x 1 mm form factor

Applications

- 5G NR
- Small Cell / Massive MIMO
- Extended Cell Coverage
- Phase Array Antenna

Please contact Micro Mobio at info@micromobio.com to find out more, or request datasheet.

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