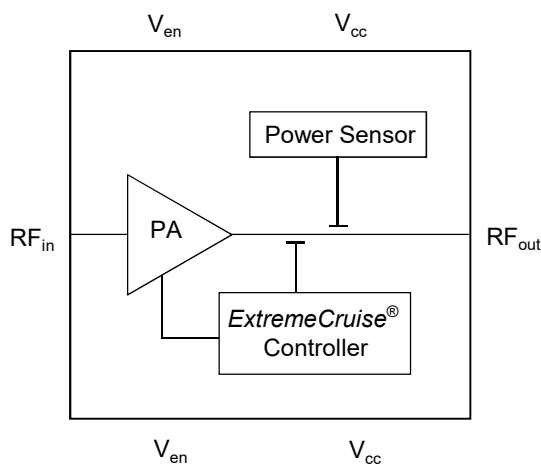
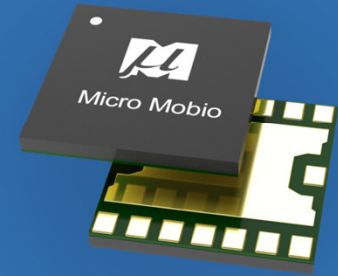


# High Linearity Booster for Extended Range

Small and highly linear, mmPA4000 H-series are booster modules designed with *ExtremeCruise*® technology for high speed mmWave and satellite applications. Combination of great design, simplicity and cost in compact packages, makes these booster modules ideal for overcoming higher path losses of high frequency signals. The modules integrate ultra linear 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 H-series booster modules reduce the RAN equipment size and cost, while unleashing the full potential of 5G high frequencies.



## Key Features

- 10GHz to 40GHz
- Up to 16dBm avg.
- < 2%EVM
- 3.4V or 5V Vcc
- Precision Power Sensor
- 400MHz BW
- 28dB Gain
- 3 x 3 mm form factor

## Applications

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

Please contact Micro Mobio at [info@micromobio.com](mailto:info@micromobio.com) to find out more, or request datasheet.

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