



SKYWORKS®

Boost Wireless Capacity and Coverage

Today's wireless infrastructure must support high speed ubiquitous connectivity for increasingly complex, data-intensive 5G applications.

We offer solutions for advanced RF, Power over Ethernet (PoE), and high precision timing for 5G macro cells, massive MIMO (Multiple-Input Multiple-Output), fixed wireless access, and small cell base stations.

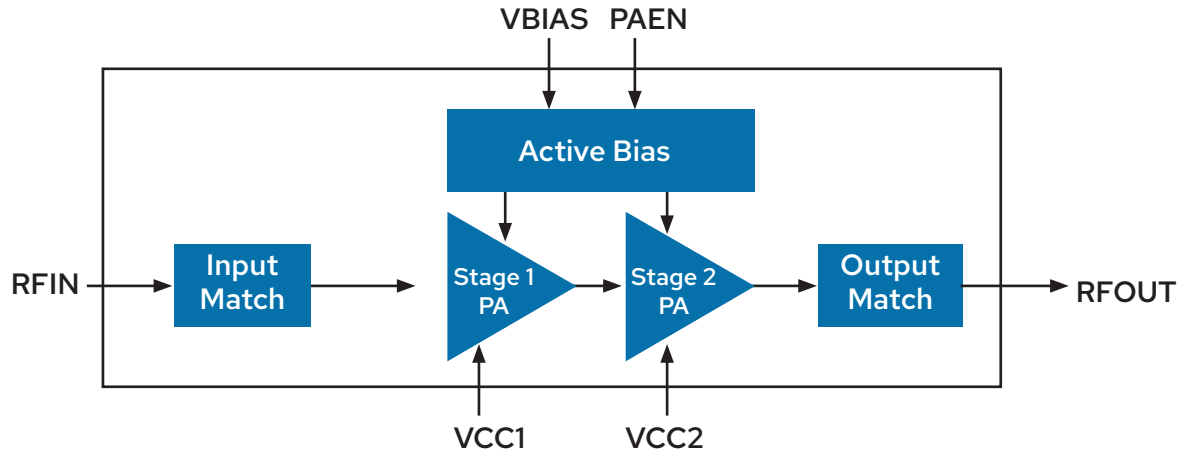
Our solutions significantly enhance network efficiency and address the challenges, delivering higher capacity with greater coverage at lower implementation cost.

skyworksinc.com

Featured Products

SKY66520-11 and SKY66523-11

Wide Instantaneous Bandwidth High Efficiency Power Amplifiers



Features

- Wide instantaneous signal bandwidth: 200 MHz
- High efficiency
- High linearity: +30 dBm with < -50 dBc ACLR with pre-distortion (200 MHz LTE, 9 dB PAR signal)
- High gain: 33 dB
- Excellent input and output return loss for 50 Ω systems
- Performance compensated over temperature with integrated active bias
- Integrated enable ON/OFF function: PAEN = 1.5 to 2.5 V
- Supply voltage: 5 V and 12 V

Part Number	Description	Package
SKY66520-11	3300 to 3800 MHz high efficiency power amplifier	16-pin, 5 x 5 x 1.04 mm
SKY66523-11	3550 to 4200 MHz high efficiency power amplifier	16-pin, 5 x 5 x 1.04 mm
SKY66398-11	2490 to 2690 MHz high efficiency power amplifier	20-pin, 8 x 8 x 1.3 mm
SKY66051-11	2300 to 2700 MHz, adjustable gain pre-driver	16-pin, 3 x 3 x 0.85 mm
SKY66052-11	3300 to 4100 MHz, adjustable gain pre-driver	16-pin, 3 x 3 x 0.85 mm