

**PRODUCT SUMMARY**

# SKY85018-11: High-Power Bluetooth® Power Amplifier

**Applications**

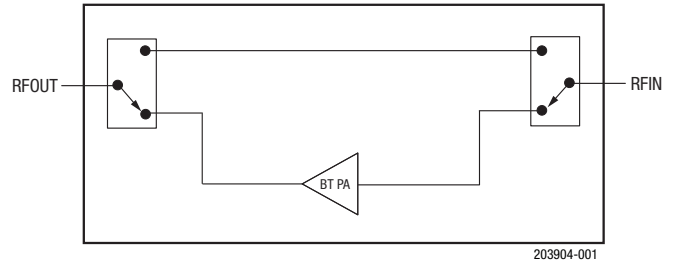
- Smartphones, tablets, and mobile systems

**Features**

- High-power Bluetooth PA with bypass
- PA gain: 20 dB
- Low bypass loss
- Output power: +23 dBm, BDR mode
- Output power: +14 dBm, EDR mode
- Compact 1.5 x 1.5 x 0.6 mm package



Skyworks Green™ products are compliant with all applicable legislation and are halogen-free. For additional information, refer to *Skyworks Definition of Green™*, document number SQ04-0074.



**Figure 1. SKY85018-11 Block Diagram**

**Description**

The SKY85018-11 is a high-power Bluetooth power amplifier with bypass mode.

The SKY85018-11 is provided in a small 1.5 mm x 1.5 mm package. A functional block diagram is shown in Figure 1.

## Ordering Information

Model Name	Manufacturing Part Number	Evaluation Board Part Number
SKY85018-11: High-Power Bluetooth Power Amplifier	SKY85018-11	SKY85018-11-EVB

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