
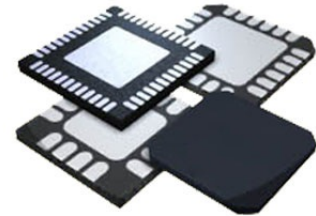


## LNA RF Front End 1.7dB 14.2dB Automotive 16-Pin MCM

|                      |  |
|----------------------|--|
| <b>Manufacturer:</b> | <a href="#">Skyworks Solutions, Inc</a>  |
| <b>Package/Case:</b> | QFN  |
| <b>Product Type:</b> | RF Integrated Circuits   |
| <b>RoHS:</b>         | RoHS Compliant/Lead free  |
| <b>Lifecycle:</b>    | Obsolete   |



Images are for reference only

[Inquiry](#)

### General Description

The SKY65903-11 is a front-end module (FEM) with an integrated low-noise amplifier (LNA), and pre- and post-filters designed for Global Positioning System/Global Navigation Satellite System/Beidou Navigation Satellite System (GPS/GNSS/BDS) receiver applications. The device provides high linearity, excellent gain, and a low noise figure (NF).

The pre- and post-filters provide low in-band insertion loss and excellent rejection for the cellular, PCS, and WLAN frequency bands.

The SKY65903-11 uses surface-mount technology (SMT) in the form of a 2.5 x 2.5 mm Multi-Chip Module (MCM) package, which allows for a highly manufacturable and low-cost solution.

### Key Features

- Small signal gain: 14.2 dB
- In-band IIP3: -7.3 dBm
- Low noise figure: 1.7 dB
- Low current consumption
- Input/output impedance internally matched to 50 Ω
- Single DC supply: 1.8 V
- No external SMT required
- Small, MCM (16-pin, 2.5 x 2.5 mm) package (MSL1, 260 °C per JEDEC J-STD-020)

### Application

- Cameras
- Wearables

### Recommended For You

**SKY85712-21**

Skyworks Solutions, Inc  
QFN

**SKY13373-460LF**

Skyworks Solutions, Inc  
QFN

**SKY65404-31**

Skyworks Solutions, Inc  
QFN

**SKY67151-396LF**

Skyworks Solutions, Inc  
QFN

**SKY65723-81**

Skyworks Solutions, Inc  
DFN-6

**SKY13320-374LF**

Skyworks Solutions, Inc  
QFN

**SKY13415-485LF**

Skyworks Solutions, Inc  
QFN14

**SKY13585-679LF**

Skyworks Solutions, Inc  
QFN

**SKY85712-11**

Skyworks Solutions, Inc  
QFN

**SKY13416-485LF**

Skyworks Solutions, Inc  
QFN

**SKY13431-374LF**

Skyworks Solutions, Inc  
DFN6

**SKY13372-467LF**

Skyworks Solutions, Inc  
QFN

**SKY67150-396LF**

Skyworks Solutions, Inc  
DFN6

**SKY13414-485LF**

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QFN

**SKY65405-21**

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