

## PRODUCT SUMMARY

# SKY13727-11: MB/HB/UHB MIMO Diversity Receive Module

## Applications

- Antenna cable loss compensation circuit for LTE data antenna
- 2G/3G/4G multimode cellular handsets (LTE, UMTS, CDMA2000, EDGE, and GSM)

## Features

- Rx diversity FEM with integrated filter bands:
  - B3 (1805 to 1880 MHz)
  - B39 (1880 to 1920 MHz)
  - B25(2) (1930 to 1995 MHz)
  - B34 (2010 to 2025 MHz)
  - B66 (2110 to 2200 MHz)
  - B40 (2300 to 2400 MHz)
  - B30 (2350 to 2360 MHz)
  - B41(38) (2496 to 2690 MHz)
  - B7 (2620 to 2690 MHz)
  - B42 (3400 to 3600 MHz)
  - B48 (3550 to 3700 MHz)
- Integrated MIPI® RFFE interface
- Small size 3.2 × 3.1 × 0.85 mm 22-lead BGA package
- Lead (Pb)-free and RoHS-compliant (MSL3 @ 260 °C per JEDEC J-STD-020)

## Description

The SKY13727-11 is a mid-band (MB)/high-band (HB)/ultra-high-band (UHB) multi-in, multi-out (MIMO) diversity switch module to be used in cellular mobile devices. It supports cellular diversity receiver and cellular transmitter functions.

It is compatible with 3GPP GSM, WCDMA, LTE and LTE-A standards and includes filters for the following service bands: B3, B39, B25(2), B34, B66, B40, B30, B41, B7, B42, and B48 for the cellular part.



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.

**Ordering Information**

Part Number	Product Description	Evaluation Board Part Number
SKY13727-11	MB/HB/UHB MIMO Diversity Receive Module	SKY13727-11EK1

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