



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



[Products](#)[Markets](#)

SKY65313-11



Multichip Module (MCM)
6 x 6 mm

[Transmit output power > +30.5 dBm](#)[High efficiency PA](#)[Analog power control](#)[LNA NF < 1.4 dB](#)[LNA bypass mode](#)[Integrated control logic](#)[Internal RF match and bias circuits](#)[All RF ports internally DC blocked](#)[Low leakage current shutdown mode](#)[Small footprint, MCM \(28-pin, 6 x 6 mm\) package \(MSL3, 260 °C per JEDEC J-STD-020\)](#)

SKY65313-11

900 MHz Transmit/ Receive Front-End Module

Skyworks SKY65313-11 is a high performance, transmit/receive (T/R) Front-End Module (FEM). The device provides a complete T/R chain with T/R switches.

The device transmit chain features +30.5 dBm output power and a 40 percent Power Added Efficiency (PAE) including harmonics filter and switch losses.

The device receive chain features a Low Noise Amplifier (LNA) with a 1.4 dB Noise Figure (NF) and 16.6 dB gain. The cascaded NF and gain, taking into account the 0.5 dB insertion loss transmit/receive antenna switch, is 1.9 dB and 16.1 dB, respectively, which make the SKY65313-11 ideal for medium power microwave links such as 900 MHz Industrial, Scientific, and Medical (ISM) band applications.

The module also has a shut-down mode and Low-Noise Amplifier (LNA) bypass mode to minimize power consumption.

The device is mounted in a 28-pin, 6 x 6 mm Multi-Chip Module (MCM) Surface-Mounted Technology (SMT) package, which allows for a highly manufacturable low-cost solution.

TECHNICAL DOCUMENTATION

SPECIFICATIONS

Green