



New Product Announcement

Skyworks' Latest ZigBee® /Thread/Bluetooth® Front-end Module SKY66403-11

Skyworks is pleased to introduce the [SKY66403-11](#), a new 2.4 GHz fully-integrated RF front-end module (FEM) designed to support ZigBee®, Thread and next-generation Bluetooth® wireless protocols (including Bluetooth Low Energy “BLE”). This high-performance device is designed for ease of use and maximum flexibility for Internet of Things (IoT) applications, particularly within the connected home, wearables and M2M markets. The module is also suitable for coin cell battery devices, security and environmental sensors, wireless audio platforms, in-home appliances, smart thermostats and lighting systems.



Features include:

- Features an *integrated power amplifier* with up to +21 dBm output power
- Is *compliant with the Bluetooth®5 low energy specification*, Thread and 802.15.4 protocols
- Operates over a wide supply voltage range (from 1.8 to 3.6 V), *allowing for use in broad spectrum of battery powered applications*
- *Extends range 4X* when compared to standalone system-on-chip (SoC) solutions
- Includes *LNA and antenna diversity switching* for all modes
- Boasts *fast switch on/off* time (800 ns)
- Comes in a *compact multichip module package* (22-pin, 3.5 x 3.0 x 1.0 mm)

Watch our product video!



The data sheet can be found at:

SKY66403-11: <http://www.skyworksinc.com/Product/4073/SKY66403-11>

References Designs

The [SKY66403-11](#) FEM has been designed into multiple reference designs. When combined with our partners' platforms, the [SKY66403-11](#) meets today's demand for long-range, low-power and cost-effective solutions.

- Dialog: [DA14580](#), [DA14681](#)
- Nordic: [nRF51x](#), [nRF52832](#), [nRF52840](#)
- NXP: [JN5179](#), [KW20](#), [KW40](#)
- Silicon Labs: [EFR32](#) and [EM358x](#)
- Texas Instruments: [CC265x](#)

About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. Our highly innovative analog semiconductors are connecting people, places and things spanning a number of new and previously unimagined applications within the automotive, broadband, cellular infrastructure, connected home, industrial, medical, military, smartphone, tablet and wearable markets. Skyworks is a global company with engineering, marketing, operations, sales and support facilities located throughout Asia, Europe and North America and is a member of the S&P 500® and Nasdaq-100® market indices (NASDAQ: SWKS). For more information, please visit Skyworks' website at:

www.skyworksinc.com.





SKYWORKS®

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Sales and Technical Support

Pricing depends on quantities. Please contact a sales representative at sales@skyworksinc.com or visit the company's website at www.skyworksinc.com for more information.

New Products

New products are continually being introduced at Skyworks. For the latest information, please visit the new products section of our website at www.skyworksinc.com.

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