




**THE DATASHEET OF  
SKY67002-396LF-EVB**





# High Performance RF Solutions









## Handsets and Mobile Devices

Part Number	Description	Frequency (GHz)	Package (mm)
SKY65534	WLAN / Bluetooth® Front-End Module with Integrated PA, Filter, LNA, and T/R Switch	2.4	QFN 20L 2.5 x 2.5 x 0.45
SKY65535	WLAN Front-End Module with Integrated PA with Filter, LNA, and SPDT Switch	5.0	QFN 16L 2.5 x 2.5 x 0.45
 SKY77701-16	High PAE Power Amplifier Module for CDMA / WCDMA / HSPA+ / LTE – Band I	1.92–1.98	10-pin MCM 3 x 3 x 0.9







## WiFi Connectivity

SE5516A	802.11ac Dual-Band Front-End Module with PA, LNA, and SP2T Switch	2.4, 5.0	LGA 4 x 4 x 1
SE5003L1	802.11ac Matched Power Amplifier with Harmonic Filter	5.0	QFN 20L 4 x 4 x 0.9
 SKY13317-373LF	pHEMT GaAs IC SP3T Switch	0.02–6.0	MLP 8L 1.5 x 1.5 x 0.45
 SKY13351-375LF	GaAs SPDT Switch	0.2–6.0	QFN 6L 1 x 1 x 0.45
TT20P6-0709P0-1825E	High Power Infrastructure Filter can be Configured in a Pass Band Design	0.7–2.1	5" x 1.9" x 1"

## Wireless Infrastructure

 SKY12210-478LF	High Power (100 W) T/R SPDT Switch, 44 dB Isolation @ 2.6 GHz	0.9–4.0	QFN 16L 4 x 4 x 1.5
 SKY13419-365LF	CMOS DBS Switch Matrix with Tone/Voltage Detector High Isolation 40 dB @ 900 MHz	0.25–2.15	QFN 20L 4 x 4 x 0.9
 SKY65185	Dual-Channel Variable Gain Amplifier Front-End Module with 31.5 dB Control Range	1.7–2.7	32-pin MCM 7 x 7 x 1.35
 SKY65373-11	Variable Gain Low Noise Amplifier with High Linearity @ 35 dB and Low NF @ 1 dB	1.7	16-pin MCM 8 x 8 x 1.3
 SKY67001-396LF, SKY67002-396LF, SKY67003-396LF	High Linearity, Active Bias Low Noise Amplifiers	0.6–1.2 1.6–2.1 2.0–3.0	DFN 6L 1.5 x 1.5 x 0.45
 SKY67130-396LF	High Linearity Amplifier Driver with +16 dBm OP <sub>1dB</sub> and 39.5 dBm OIP <sub>3</sub> @ 22 mA	0.7–2.7	DFN 8L 2 x 2 x 0.75
SKY73208	Wideband Rx Mixer with Integrated Integer-N PLL and VCO	0.35–5.0	36-pin MCM 6 x 6 x 1.35
 SKYFR-000782	Single Junction Circulator with Very Low Insertion Loss of 0.08 dB Typical	2.11–2.17	Drop-in 19 mm
 SKYFR-000827	Single Junction Circulator with Very Low Insertion Loss of 0.10 dB Typical	2.3–2.4	SMT – Robust Lead, 23 mm

## Smart Energy—Connected Home and Automation 802.15.4, ISM, and ZigBee®

 SE2435L	High Power RF Front-End Module, 1 W High Efficiency with Integrated PA, LNA, and Diversity Switch	0.86–0.93	QFN 24L 4 x 4 x 0.9
 SE2436L	High Power 0.5 W Front-End Module for ISM Band Applications, with PA, LNA, Bypass and Antenna Diversity	2.4	QFN 24L 4 x 4 x 0.9
 SE2438T	Ultra Low Power ZigBee® Front-End IC with PA, LNA, Tx/Rx Bypass	2.4	QFN 20L 3 x 3 x 0.5
 SKY13370-374LF	SPDT Switch, 50 Ohm Terminated	0.5–6.0	DFN 6L 1.5 x 1.5 x 0.45
 SKY65367-11	High Power / High Efficiency Tx/Rx Front-End Module with Integrated PA and Bypass	0.17	16-pin MCM 4 x 4 x 0.9
 SKY67012-396LF	Low Noise Amplifier with < 0.85 dB NF and < 5 mA Current @ 3.3 V	0.3–0.6	DFN 8L 2 x 2 x 0.75





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

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