



SKYWORKS®

Military and RF Microwave Solutions

The Right Products for Your System Applications

Skyworks has the RF products you need to speed your design from concept to production. Whether your project includes radar, radio communications (land mobile radio), software defined radio (JTRS and others), global positioning system (GPS) receivers, electronic countermeasures equipment (surveillance receivers or jammers), avionics systems, instrumentation or microwave subsystems, Skyworks can help you.

Featured Products

Description	Frequency	Part Number
Low Noise Amplifiers (LNAs)		
High efficiency, 18 dB gain LNA, featuring flexible bias voltage and current	30–300 MHz	SKY67015-396LF
Miniature LNA, featuring 0.7 dB NF and 18 dB gain	1.2–2.3 GHz	SKY67100-396LF
Attenuator		
7-bit 31.75 dB attenuator, 0.25 dB LSB, parallel and serial interface	10 MHz–4 GHz	SKY12343-364LF
Diodes – Diode Screening Equivalent to JANS Level of MIL-PRF-19500 and Class K of MIL-PRF-38534 is Available		
Low loss, 10 dBm threshold level clean up limiter diode	DC–6 GHz	SMP1330-040LF
Low capacitance 0.12 pF switching diode	DC–10 GHz	SMP1345-040LF
Ultra sensitive, low induction detector diode	DC–100 GHz	SMS7630-061
Low phase noise varactor diodes	DC–10 GHz	SMV2201–SMV2205 Series
Filters, Duplexers		
High power UHF and pass filter	300–320 MHz	TT8P8-0310P0-20xx
High power UHF band pass filter	360–380 MHz	TT8P8-0370P0-20xx
High power UHF band pass filter	461.4–468.6 MHz	TT12P5-0465P0-0750
High power UHF duplexer	311 / 371 MHz	TT8P8-T0311P0-R0371
GPS duplexer	1227 / 1575 MHz	TT2P4-1575.4-1227.6
Low profile band pass filter	1385–1585 MHz	TT1.85P7-1395P0-20044
Low profile band pass filter	2610–2690 MHz	TT2P5-2650P1-8042
Switches		
High power 50 W SPDT switch	0.02–2.7 GHz	SKY12208-478LF
High power symmetrical 50 W SPDT switch	0.05–2.7 GHz	SKY12211-478LF
High isolation switch, 60 dB isolation	100 MHz–6 GHz	SKY13286-359LF
Synthesizer		
Wideband integer-N frequency synthesizer, 6 GHz locking range	350–6000 MHz	SKY73134-11
Demodulator and Modulators		
Integrated, high dynamic range, quadrature demodulator	400–3900 MHz	SKY73012
Quadrature modulator	1500–2700 MHz	SKY73077-459LF
Quadrature modulator	500–1500 MHz	SKY73078-459LF

For more information, please refer to our Military and RF Microwave Solutions brochure, BRO400.

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. New products indicated in **blue, bold** are continually being introduced at Skyworks.



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