



RF Diodes for Broadband Applications

Select Limiter, PIN, Schottky and Varactor Diodes Available from Stock

Skyworks offers a select set of limiter, PIN, Schottky and tuning varactor diodes from our diverse RF diode offering in stock and ready for immediate design into your demanding applications.

| Silicon Schottky Diode

SMS7621-060

- Ideal for detector, sampling circuit and mixer applications
- Low parasitic impedance: CP < 0.05 pF, LS < 0.2 nH
- Suitable for use above 26 GHz
- Low barrier height
- Packaging: SMT 0201 0.6 x 0.3 x 0.27 mm

| Hyperabrupt Tuning Varactor Diode

SMV2201-040LF

- Ideal for low phase noise VCO applications
- High capacitance ratio at low reverse voltage
- Breakdown voltage > 22 V
- Packaging: SMT 1 x 0.6 x 0.46 mm
- Low capacitance: 0.15 pF
- Packaging: SMT 1 x 0.6 x 0.45 mm

| Limiter Diode

CLA4603-085LF

- Ideal for receiver protection applications
- Threshold level: 9 dBm typical
- Maximum continuous wave (CW) input power: 3 Watts
- Low insertion loss: 0.1 dB
- Packaging: QFN 2 x 2 x 1 mm

| Silicon Switching PIN Diode

SMP1345-040LF

- Ideal for T/R and band switching from DC to 8 GHz
- Very low insertion loss: 0.4 dB
- Low capacitance: 0.15 pF
- Packaging: SMT 1 x 0.6 x 0.45 mm



For more information, please visit our website at www.skyworksinc.com