

RF Component & IC Vendors

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Notes:

1. Look through the vendors’ product pages and get an idea of what they offer.
2. Pay attention to whether they offer free samples. Check distributors (such as DigiKey, Mouser, etc) for small quantity orders.

Vendors:

1. **Analog Devices** (<http://www.analog.com>)
 - Op-Amps
 - linear and non-linear RF ICs
 - ADC and DAC
 - Accelerometers, gyroscopes, and IMUs
 - [Many products can be sampled for free](#)
2. **Avago Technology** (http://www.avagotech.com/pages/en/rf_microwave/)
 - Front-end modules, LNA, low-noise transistors
 - Mixers
 - Variable attenuators
 - FBAR filters (high-Q SMD filters)
3. **Linear Technology** (<http://www.linear.com/>)
 - Power management ICs (voltage regulators, references, etc)
 - ADCs and DACs
 - RFICs
4. **Freescale** (<http://www.freescale.com/>)
 - Microcontrollers and embedded processors
 - RF power transistors (Freescale is known for their high power LDMOS transistors) and amplifiers
5. **Infineon** (<http://www.infineon.com>)
 - Transistors (both high and low frequency) and varactor diodes
 - RF ICs

- Sensor ICs
6. **Maxim** (<http://www.maximintegrated.com/>)
 - Op-Amps
 - RF ICs
 - [Many products can be sampled for free](#)
 7. **Mini-Circuits** (<http://www.minicircuits.com/>)
 - All kinds of RF/microwave products
 - Connectorized components at relatively low cost
 - [Many products can be sampled for free](#)
 8. **Murata** (<http://www.murata.com/products/microwave/index.html>)
 - RF passive components, resistors, capacitors, inductors, ceramic filters, SAW filters
 9. **NXP** (<http://www.nxp.com/>)
 - Transistors (both high and low frequency) and varactor diodes
 - RF ICs: amplifiers, mixers, de/modulators, PLL/VCO,
 10. **Pasternack** (<http://www.pasternack.com/>)
 - RF passives, connectors, adapters, cable assembly
 11. **Renesas** (<http://www.renesas.com/index.jsp>), former NEC Electronics Inc.
 12. **Silicon Labs** (<http://www.silabs.com>)
 13. **RFMD** (<http://www.rfmd.com/>)
 14. **Skyworks** (<http://www.skyworksinc.com/>)
 - All kinds of RFICs
 - RF passives: dividers, couplers, filters, circulators, isolators
 15. **STMicroelectronics** (<http://www.st.com>)
 16. **Texas Instruments** (<http://www.ti.com/>)
 - Microcontrollers
 - Analog/Digital ICs
 - ADC and DAC
 - RF ICs
 - [Many products can be sampled for free](#)
 17. **TriQuint** (<http://www.triquint.com/>)
 - RF transistors, amplifiers, mixers
 - SAW filters