

MACOM designs and manufactures high-performance semiconductor products for the Telecommunications, Industrial, Defense, and Data Center industries. Specializing in RF applications, MACOM offers a wide range of components. With an RF heritage tracing back to Pioneer and Voyager, MACOM ensures that all their parts are fully MIL and ESCC compliant.

Macom Components for your Radar / Communication System / Receiver / Transmitter

Amplifier Gain Block:

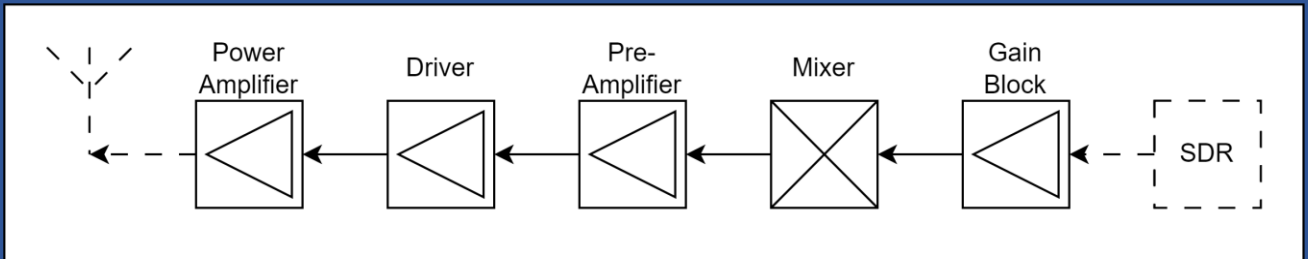
Macom offers Hi-Rel amplification gain blocks in the range of 200MHz – 8GHz and 18db.

General Purpose Gain Blocks:

The variety of General Purpose Gain Blocks between 5MHz and 14.5GHz support gains up to 37dB.

Low Noise (Hybrid) Amplifiers:

Select from various LN(H)As in the range of 5MHz-12GHz with Gains up to 38.5dB. All LNAs are available in different packages.



Power Amplifier:

Hi-Rel Power Amplifiers are available up to 39dBm output power and between 0.5GHz and 6GHz.

Mixers:

Select from a tremendous amount of mixers between 50KHz – 26GHz input and DC to 15GHz output as interface between HF and the intermediate frequency.

RF Support Devices (Excerpt)

Diodes:

- Multiplier Step Recovery Diodes
- PIN Limiter Diodes
- PIN Switch and Attenuator Diodes
- Schottky Mixer and Detector Diodes
- THz Schottky Barrier Diodes
- Varactor Tuning Diodes

Capacitors:

- Beam Lead Capacitors
- Binary Chip Capacitors
- DC Floating/RF Bypass Mounting Capacitors
- High QMNOS Series Chip Capacitors
- MNOS Series Capacitors
- MNS Chip Capacitors