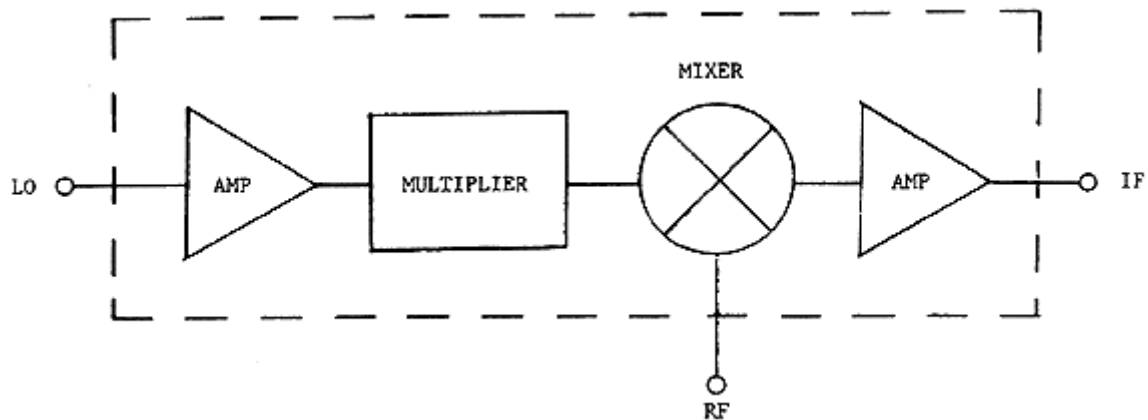


## Microwave Hybrid Integrated Circuit

# Harmonic Mixer

### FEATURES:

- Wideband response
- Frequency up to 18 GHz
- Very flat response over entire RF frequency range
- MIC miniature size
- MIL-STD-883 screening applicable



LO: 1.2–1.5 GHz

RF: 2–18 GHz

IF: 200–400 MHz

LO input power: +10 dBm nominal

RF to IF conversion loss: 30 dB maximum

Conversion loss variation vs. RF frequency range: 6 dB typical

VSWR:

LO: 1.5:1 max

RF: 1.8:1 max

IF: 2.5:1 max

LO to RF isolation: 50 dB typical

RF to IF isolation: 30 dB typical

Spurious and if harmonics suppression: 25 dBc min

Operating temperature: -55–C to +90–C

Other versions available



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