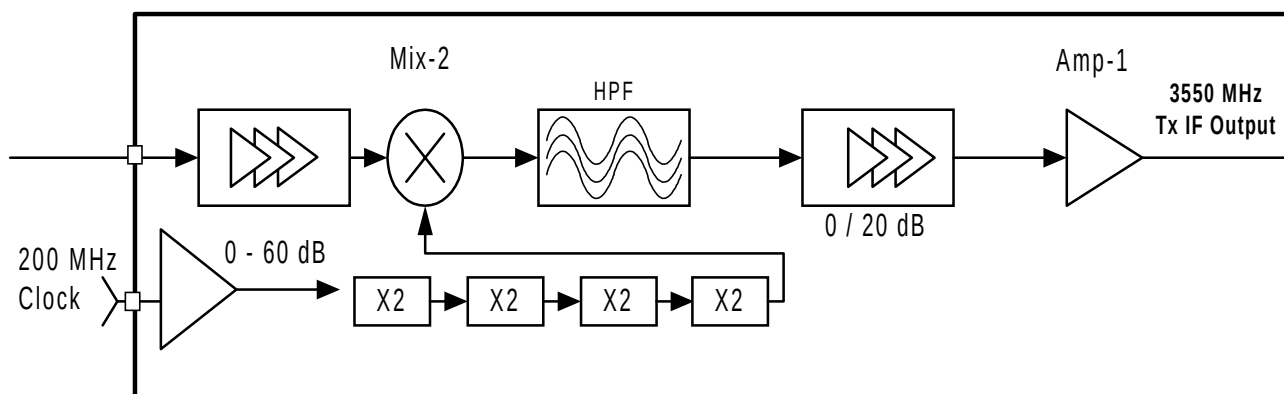


2003: Uniband Transmitter RF IC



DESCRIPTION

The innoCOMM-2003 Transmitter RF IC contains an on chip frequency doubler, SSB up-convert mixer, a power amplifier, 20dB of switched automatic level control and 60dB of linear automatic gain control.

FEATURES

- Mixer/(0:20dB) ALC IIP3 = 3dBm
- Variable ALC/Mixer/(0.20dB) ALC output, IP3 = 15dBm
- ALC switching time <20ns
- Mixer/(0:20dB) ALC NF = 15dB
- Variable ALC Gain Range: -3 to -63dB
- ALC Step Size: 1dB
- Phase Noise at 5GHz:
 - 1kHz offset: -105dBc/hz
 - 10kHz offset: -120dBc/hz

APPLICATIONS

- Local Multipoint Distribution System
- MMDS

For more information, visit our website at

www.innocomm.com

innoCOMM
wireless

5825 Oberlin Drive
 San Diego, CA 92121
 Tel: (858) 677-9967
 Fax: (858) 677-9981