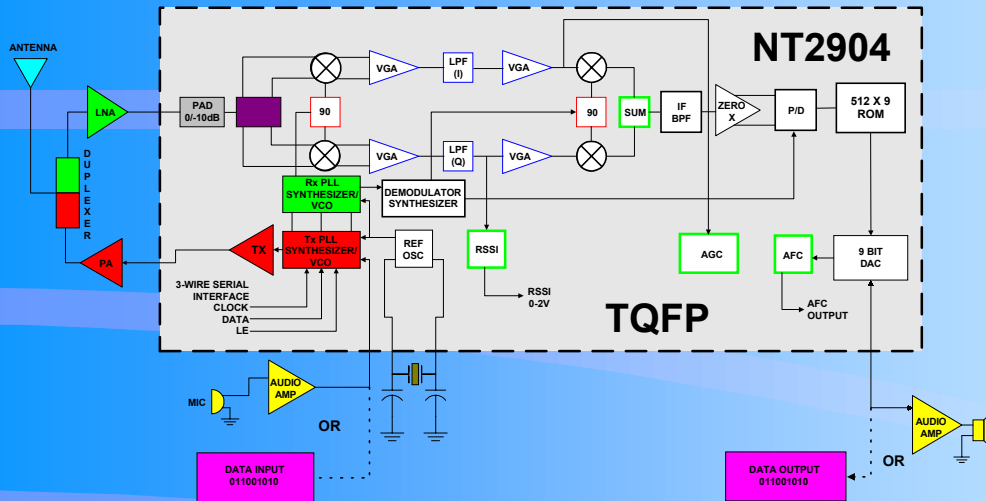


World's first full duplex Zero-IF FM/FSK RF Transceiver IC - 130 to 1000 MHz



Block Diagram of NT2904

NUMA Technologies' NT2904 FULL DUPLEX transceiver and NT2800 transmitter only I.C.s represent our commitment to excellence in design, fabrication and cost savings to our customers. Low power consumption BiCMOS makes these I.C.s ideal for the most miserly battery applications.



NT 2904 evaluation board comes with Visual Basic software and FREE technical support.

- Single-chip solution for both wide-band and narrow-band applications.
- 2.4-V to 3.6-V operation for low power consumption.
- Low standby current (5 uA typical).
- Dual integrated voltage controlled oscillators (VCOs), and phase-locked loops (PLLs) decrease board size.
- FM/FSK demodulation with patented all digital P/D tank-less demodulator.
- RSSI output can be used for ASK signal detection.
- Differential RF inputs and outputs suitable for loop antennas
- Operating frequency programmable via a 3-wire serial interface. "Frequency Hopping" with external micro-processor and software.
- Operates in either the European or U.S.A. ISM Bands (868/915 MHz) or any 26MHz band from 130 MHz through 1 GHz.
- No external adjustments required.
- Deviation and center frequency independently adjustable.

Visit our web site and download detailed product specifications
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