

TA32305FN/FNG Transceiver IC

Highlights

- Short, wireless data communication Transceiver IC for 240 MHz to 450 MHz applications
- Applications include Remote Keyless Entry, Tire Pressure Monitoring Systems, Security Systems, Monitoring Systems, Telemetry and Radio Frequency ID

Description

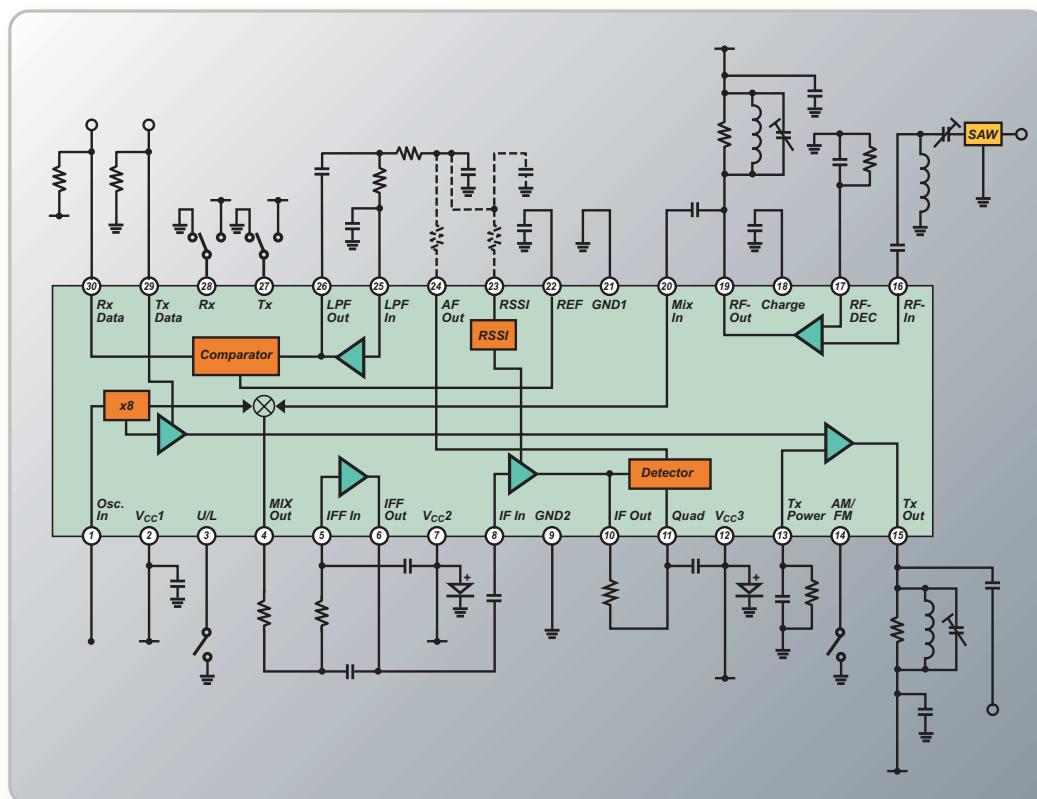
The TA32305FN/FNG is as single-chip IC Transceiver for AM/FM radio. The IC incorporates an RF amp, 2-level comparator and local x8 circuit.

Features

- High sensitivity: -120 dBm
- RF frequency: 240 to 450 MHz (multiplication is used)
- 100 to 450 MHz (multiplication is not used)

- Current dissipation at BS: 0 μ A (typ.)
- FM and AM comparator incorporated
- RF amplifier incorporated
- Built-in local x8 multiple circuit —Toshiba patented circuit for low-current consumption
- MIX operating frequency: 240 to 450 MHz
- Current consumption: TX 4.3 mA/RX 5.6 mA (FM), 5.3 mA (AM)
- Operating power supply: 2.2V to 5.5V
- IF frequency: 80 KHz
- Package: SSOP30

Block Diagram



Product Brief

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