

**FEATURES:**

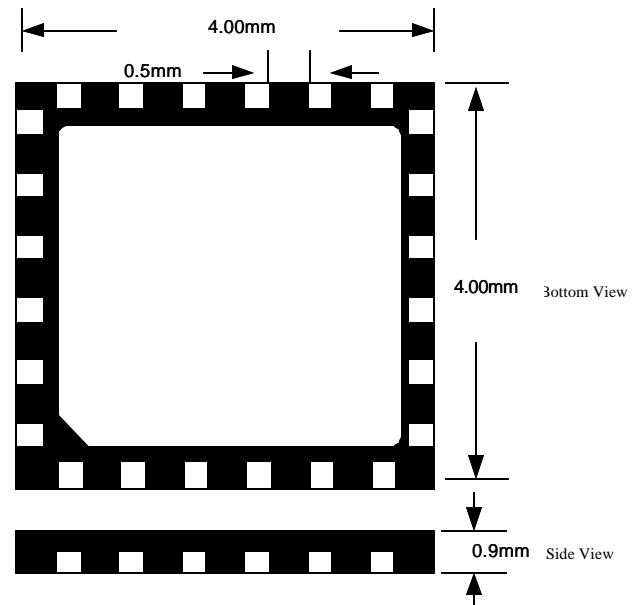
- Complete Transmitter
- Very Low Power Consumption
- Capable of transmitting up to 32 separate Channels in the Globally Unlicensed ISM-2.4GHz Band
- Companion to PR3600 Receiver

**DESCRIPTION:**

The PR3500 is a single chip, low-power-consumption transmitter designed for short-range, Direct Sequence Spread-Spectrum (DSSS), GFSK- modulated wireless communications operating in the Globally Unlicensed ISM-2.4-GHz band, for applications requiring a long-battery lifetime.

Along with its companion receiver chip (PR3600) and the appropriate spread spectrum baseband chips, the PR3500 Transmitter, with its multimode power management control, is a highly flexible IC, which provides a high quality output signal, and allows for the optimization of power consumption as well as data efficiency.

**PACKAGE TYPE: QFN 24L (LPCC)**



**APPLICATION:**

The size, integration, performance, and low power capabilities of the PR3500 coupled with its partner receiver IC (PR3600) makes it a natural choice for any system dedicated to one-way wireless connectivity. Such as:

- Wireless Gaming
- Digital Wireless Audio
- Home Automation
- Wireless Security
- Wireless Cameras
- Remote Control Devices
- Keyless Entry Systems
- Medical Devices
- Computer Peripherals
- Etc...

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