

# Operational Principle

1. The SE69D is a member of the low-cost, high-performance family of intelligent 2.4 GHz RF transceivers with embedded microcontrollers.
2. The SE69D is optimized to provide a single chip solution for Ultra Low Power (ULP) wireless applications. The combination of processing power, memory, low power oscillators, real-time counter and a range of power saving modes provides an ideal platform for implementation of RF protocols.
3. Benefits of using SE69D include tighter protocol timing, security, lower power consumption and improved co-existence performance. For the application layer the SE69D offers a rich set of peripherals including: USB, and so on. ANTENNA, The antenna is typically fed from the end of the monopole section by a plated through-hole via which is in turn connected to the RF output on the 2.4GHz band.

Frequency Range: 2402-2480MHz