Operational Principle

1. CPU,SE69D is a series of 8-bit Universal Serial Bus RISC architecture microcontroller. Opration frequency is 24MHz with internal RC oscillator. This chip is responsible to control RF-Baseband Transceiver.
2. USB PORT,connect with stand USB interface of pc.
3. 2.4 GHz ISM Band Transceiver/Framer,SE8R01which is a low-cost,fully inegrated CMOS radio frequency(RF) transceiver block,combined with a 64-byte buffered framer block.It contains transmit,receive,VCO and PLL functions,including an on-chip channel filter and resonator. It needs an external 16MHz crystal for reference frequency;
4. 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.