

INT2769 Catalog



INT2769 Description:

INT2769 is a USB-powered Universal GPS/Galileo/Glonass Receiver that uses MAX2769B to receive the High Frequency signals from Active/Passive antennas. A microcontroller connected to USB port sets the registers of the MAX2769 to prepare it to work in the desired mode. The data for setting the registers are received from a PC through USB port.

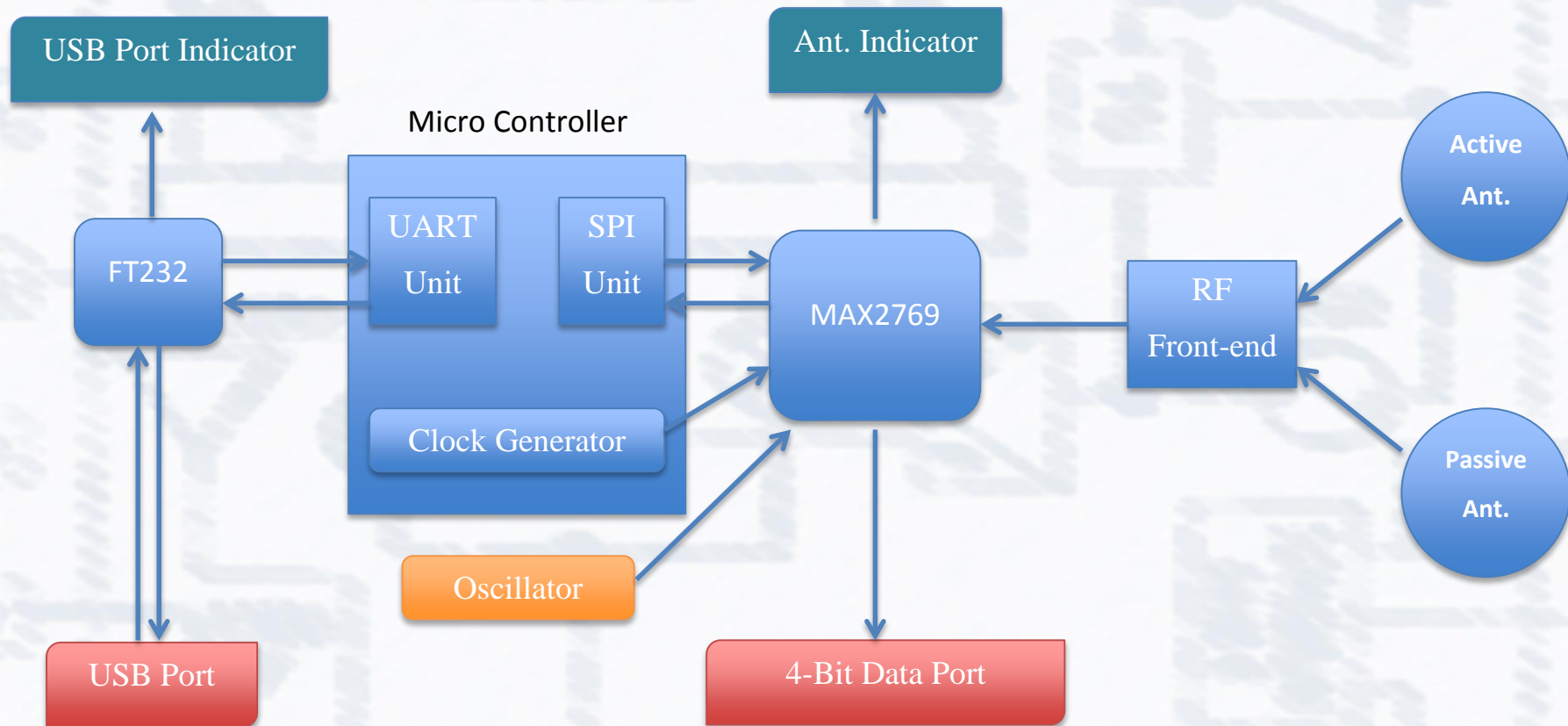
A user-friendly GUI is designed to make the user able to choose different values for registers through software. The I and Q data received from GPS/Galileo/Glonass satellites are converted to digital signals using internal ADC and conducted to the 4-Bit Data Port. The 4-Bit Data Port can be connected directly to a FPGA, DSP or Microcontroller for data analysis.

This module also conjunctly works with INT9121 module, which collects the data from INT2769 to transfer them to a PC through a high speed USB port.

INT2769 Specification:

- Receiving signals in a frequency range from 1550MHz to 1610MHz (GPS/Galileo/Glonass Bands)
- Compatible with Active and Passive antennas (SMA connector)
- Using MAX2769B as the front-end receiver
- Using Microcontroller for setting the registers of the MAX2769B
- Using the USB port for communication to the software
- USB powered
- LED indicators for Power, Active antenna and USB communication
- Data output is compatible with the FPGAs, DSPs and microcontrollers
- Fully compatible with INT9121 Module
- One year warranty

INT2769 Block Diagram:



INT2769 GUI Screenshot:

