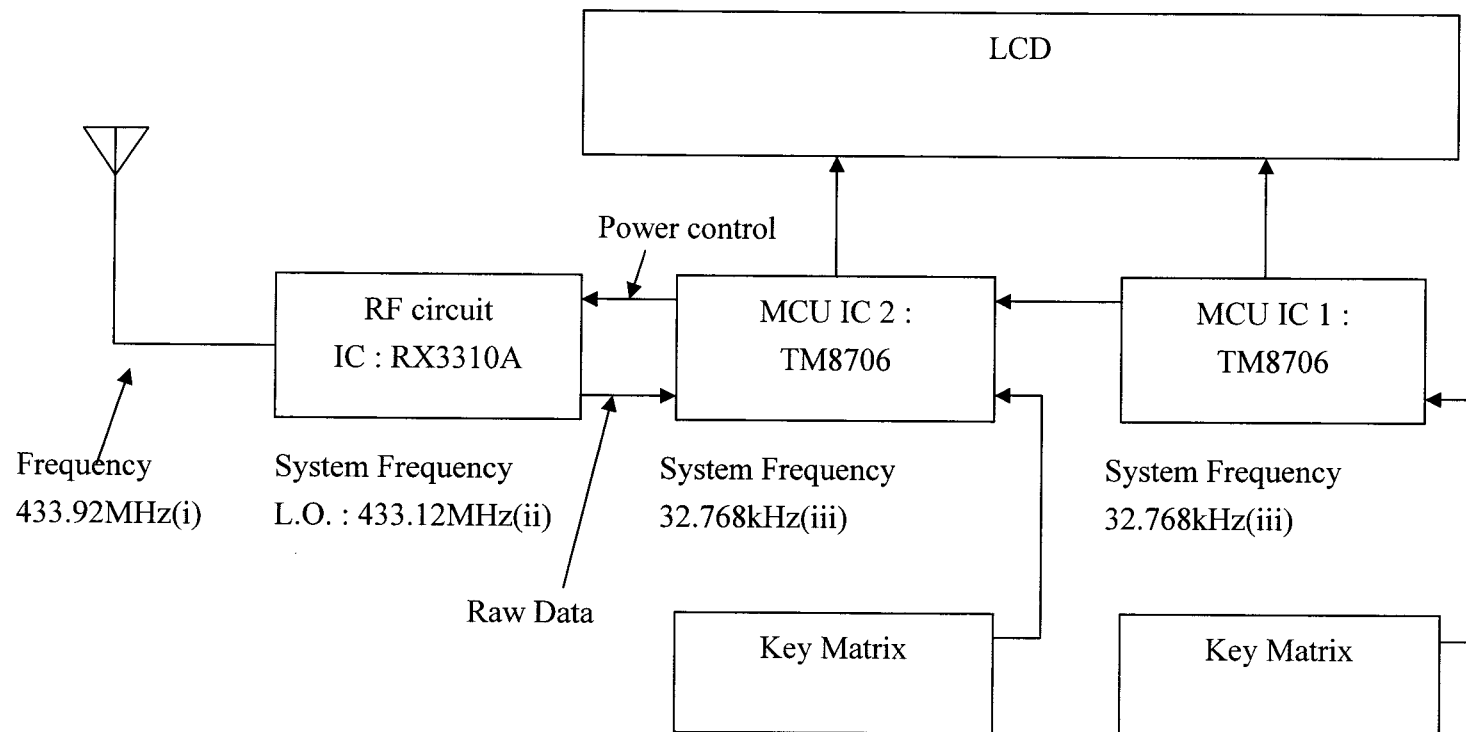


Block Diagram of 1854 (Rx)



- (i) The frequency is the frequency that the antenna received
- (ii) The L.O. is 433.12MHz
- (iii) The frequency is the clock of the MCU for normal operation
- (iv) The frequency is the frequency that the antenna received

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Description

The RX3310A is a fully integrated, amplitude-shift-keying (ASK) modulation, single chip receiver. It is designed to operate in a variety of low power radio applications. All popular radio frequencies from 250 MHz to 450 MHz may be supported by simply choosing the appropriate external components. Particular emphasis has been placed on low current consumption. Average current consumption is 2.6 mA in normal operation mode and 25 μ A in power down mode under VCC=3.0volts.

Features

- ◆ Wide frequency range: 250 MHz to 450 MHz
- ◆ High sensitivity
- ◆ Low power consumption
- ◆ Automotive temperature range
- ◆ High integration level requiring few and inexpensive external components
- ◆ SOP 18L package or SSOP 20L package

Applications

- ◆ Remote control systems
- ◆ Car alarm and other security systems
- ◆ Baby finder, wireless doorbell, wireless toys

Block Diagram

