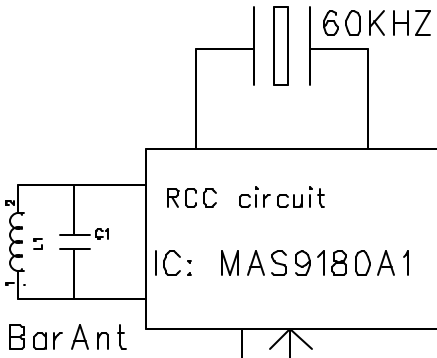


RCC RECEIVER



Power control

RCC DATA

LCD DISPLAY

MCU:TM8706

TEMP SENSOR

KEY BOARD

RF RECEIVER

RF circuit
IC: RX3310A

433 MHz

Power control

TEMP DATA

433 MHz

ANT

BATTERY

BATTERY LOW

COMPANY: Electronics Tommorrow Ltd

MODEL: 838A Block Diagram

PCB VER: V1.0 TITLE: DOC VER: 00

DRN./DATE: FWD 4/08 DWG

CHK./DATE: IC:

APP./DATE: LCD:

☒ TO FILE ☐ REL SHEET 1 OF 1

EE005

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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.

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 (150 mil) package

Applications

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

Block Diagram

