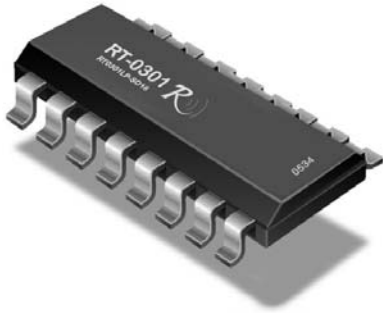


# RT-0301



## RT-0301

Product Notice Receiver

The RT-0301 Product Notice Receiver (PNR) can be integrated into many commercial and industrial products for the purpose of notifying product users when urgency or prudence demands.

The PNR is a single chip receiver that is capable of receiving a product notice signal disseminated by the ReadyTrace System.

The ReadyTrace System uses AM Broadcast Radio and Very Low Frequency (VLF) beacons that deliver product notices to product end users almost immediately.

In order to support product liability litigation, the RT-0301 includes non-volatile memory that stores the date and time that a message is received and the date and time that a user acknowledged the message.

EFFECTIVE NOTIFICATION

**LOW-COST, SINGLE CHIP DESIGN**

**SIMPLE, FERRITE ANTENNA**

**LOW-POWER OPERATION**

**IN-PRODUCT PROGRAMMABLE**

EASY INTEGRATION



**READYTRACE**

## PRODUCT CENTRIC NOTIFICATION

**RECALL ALERTS**

**MAINTENANCE NOTICES**

**TIME-OF-DAY**

**ENSURES CUSTOMER PRIVACY**

## NATIONWIDE COVERAGE

**REACHES 99.5% OF US POPULATION**

**CONTINENTAL UNITED STATES**

**ALASKA & HAWAII**

**MOST POPULATED REGIONS OF CANADA**

## REDUCED PRODUCT LIABILITY COSTS

**ALMOST INSTANT USER NOTICES CAN PREVENT INJURIES IN THE FIRST PLACE**

**HIGH RECALL EFFICACY**

**ELIMINATES NEGATIVE PUBLICITY**

## EVIDENTIARY SUPPORT

**RECORDS WHEN MESSAGE IS RECEIVED**

**RECORDS WHEN USER ACKNOWLEDGES**

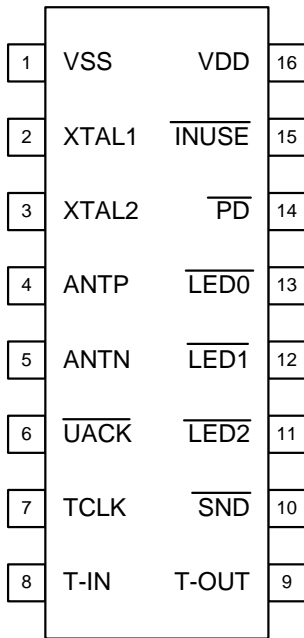
**COURTROOM READABLE**

Phone: 909-563-8400  
E-mail: [info@readytrace.com](mailto:info@readytrace.com)  
[www.readytrace.com](http://www.readytrace.com)

ReadyTrace, Inc.  
14175 Telephone Ave.  
Suite L  
Chino, CA 91710

# RT-030I VARIANTS

## RT-030I PIN OUT



## APPLICATIONS

PRODUCT	BATTERY POWER	HOST POWER	TEMPERATURE RANGE
RT-030I		YES	COMMERCIAL
RT-030I-LP	YES	YES	COMMERCIAL
RT-030I-M		YES	INDUSTRIAL

## SPECIFICATIONS

PARAMETER	RT-030I	RT-030I-LP
Supply Voltage	3.0 to 3.3 Volts	3.0 to 3.3 Volts
Standby Power	1 $\mu\text{A}$	1 $\mu\text{A}$
Receive Power	300 $\mu\text{A}$	100 $\mu\text{A}$
Terminal Sensitivity	10 $\mu\text{V}$	10 $\mu\text{V}$
Outputs	40 mA Open Collector Output	40 mA Open Collector Output
INPUTS	Open Collector Input	Open Collector Input

## RT-030I BLOCK DIAGRAM

