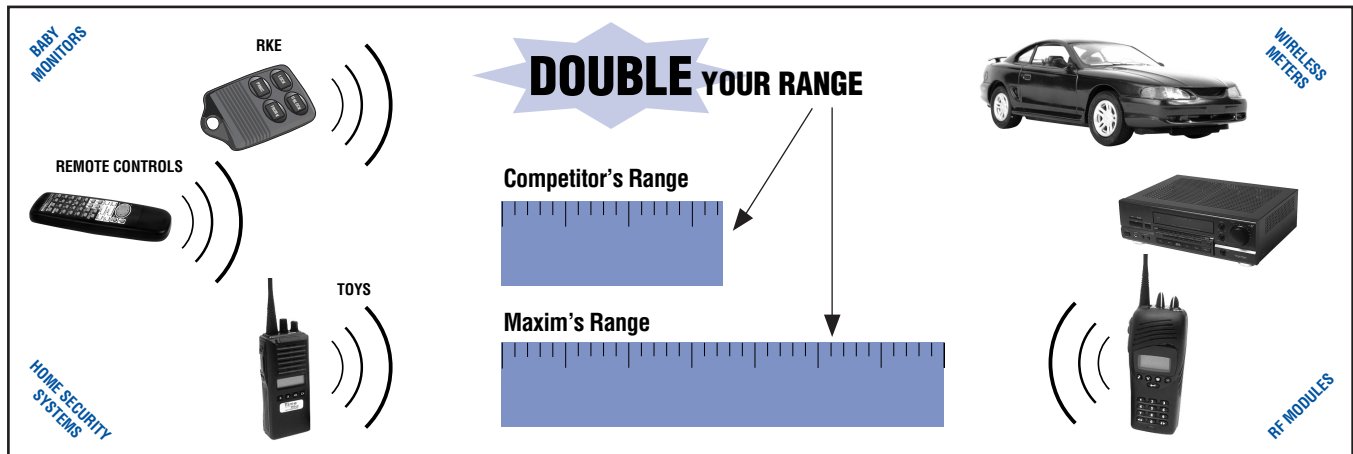


# DOUBLE THE RANGE OF YOUR PRODUCT WITH MAXIM'S 300MHz–450MHz TRANSMITTERS AND RECEIVERS!

Prolongs the Battery Life of Your Product with 20% Less Power Consumption than Competitors and Eliminates the Expense of a SAW Filter



The MAX1473 300MHz–450MHz RF receiver has an average sensitivity of  $-114\text{dBm}$  while consuming only  $5.2\text{mA}$  (typ) in constant operation. It has integrated image rejection, eliminating the need for a front-end SAW filter in many applications. From sleep mode, the receiver provides valid data out in less than  $250\mu\text{s}$ , allowing deeper sleep cycles and longer battery life. For further power savings, the MAX1473 operates from 3V or 5V supplies.

The MAX1472  $+10\text{dBm}$  output ASK transmitter comes in a tiny 8-pin SOT package and consumes only  $5.5\text{mA}$  when used with a 50% duty-cycle encoding scheme, such as Manchester. The MAX1472 operates from a single lithium cell and works down to 2.1V.

PART	TEMPERATURE RANGE (°C)	POWER CONSUMPTION (mA)	RF PERFORMANCE	PRICE† (\$)
MAX1473	-40 to +85	5.2 (typ) continuous	$-114\text{dBm}$ w/50dB image rejection	1.82
MAX1472	-40 to +85	5.5 (typ) (ASK at 50% duty cycle)	$+10\text{dBm}$ output	0.90

†1000-up recommended resale, FOB USA. Prices provided are for design guidance and are for the lowest grade, commercial temperature parts. International prices will differ due to local duties, taxes, and exchange rates. Prices are subject to change. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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