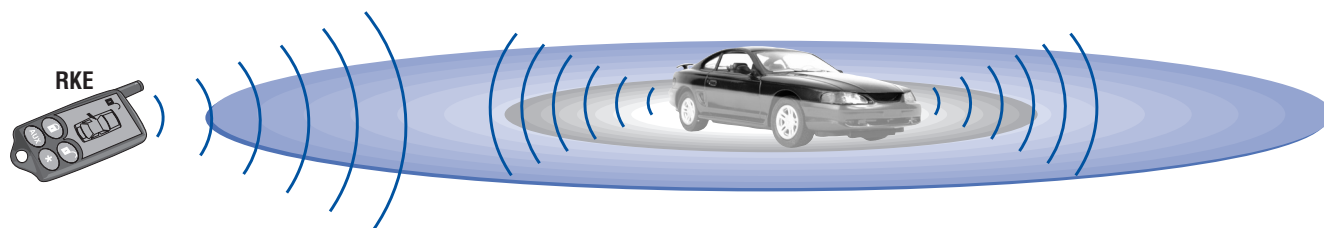


# WORLD'S HIGHEST PERFORMANCE FAMILY OF 300MHz TO 450MHz TRANSCEIVERS

**Increase Your Range and Add Two-Way Capabilities to Car Alarms, RF-Modules, Remote-Controls, Wireless-Meters, and Home-Security Systems!**

Maxim's new MAX7030/MAX7031/MAX7032 family of crystal-referenced VHF/UHF transceivers are easy-to-use, high-performance devices that allow quick two-way implementation of one-way systems. Housed in small 5mm x 5mm, 32-pin thin QFN packages, these transceivers are perfect for low-cost, high-volume applications where space is critical, such as two-way key fobs, security products, garage-door openers, and remote sensors. These transceivers use a fractional-N PLL for the transmitter and a fixed-N PLL for the receiver, eliminating the need for separate transmit and receive crystal-reference oscillators. The MAX7030/MAX7031/MAX7032 are rated over the entire automotive temperature range (-40°C to 125°C).



- ◆ +10dBm Output Power
- ◆ -114dBm (ASK)/-110dBm (FSK) Rx Sensitivity
- ◆ 12mA Tx Current (FSK)
- ◆ 6.1mA Rx Current

Part	RF Frequency (MHz)	Modulation	FSK Deviation (KHz)
MAX7030LATJ	315	ASK	N/A
MAX7030MATJ	345	ASK	N/A
MAX7030HATJ	433.92	ASK	N/A
MAX7031LATJ	308	FSK	±51.4
MAX7031MATJ15	315	FSK	±15.5
MAX7031MATJ50	315	FSK	±49.5
MAX7031HATJ17	433.92	FSK	±17.2
MAX7031HATJ51	433.92	FSK	±51.7
MAX7032	SPI™ programmable	ASK/FSK	SPI programmable

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