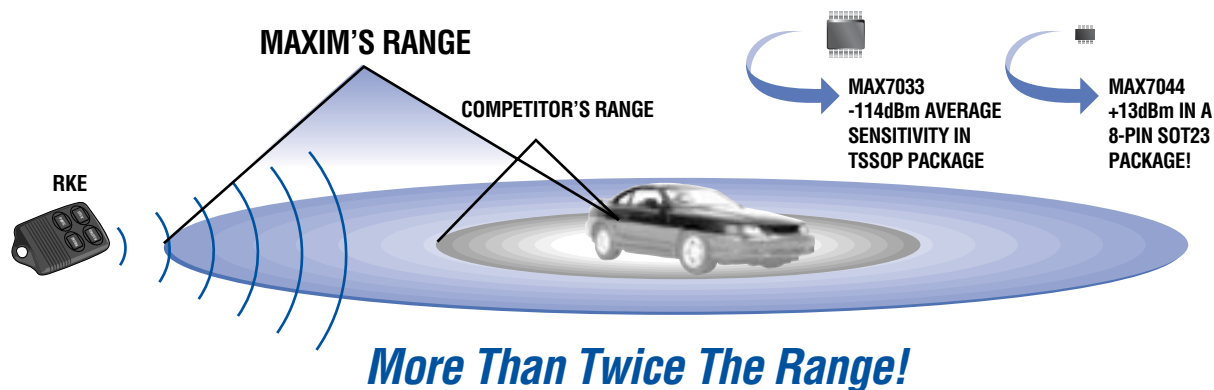


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MAX7044, 300MHz–450MHz ASK Transmitter

- ◆ Output Power Adjustable to More than +13dBm at 7.7mA (50% Duty Cycle)
- ◆ Clock-Out Feature Eliminates Need for an MCU Resonator
- ◆ 2.1V to 3.6V Single-Supply Operation

MAX7033*, 300MHz–450MHz ASK Receiver

- ◆ -114dBm Average Sensitivity
- ◆ Low 5.2mA (typ) Operating Supply Current
- ◆ 2.5µA Shutdown Current
- ◆ High Dynamic Range with On-Chip AGC

Part	Rx/Tx	Temperature Range (°C)	Power Consumption	RF Performance (315MHz)	Comments
MAX1470	Rx	-40 to +85	5.5mA (typ) continuous	-112dBm with 50dB image rejection	3V supply
MAX1473	Rx	-40 to +85	5.2mA (typ) continuous	-114dBm with 44dB image rejection	Available in 28-pin TSSOP and 32-pin TQFN
MAX7033*	Rx	-40 to +105	5.2mA (typ) continuous	-114dBm with 44dB image rejection	AGC lock feature
MAX1472	Tx	-40 to +125	5.3mA (typ) (ASK @ 50% duty cycle)	+10dBm output	Small 3mm x 3mm SOT23
MAX7044	Tx	-40 to +125	7.7mA (typ) (ASK @ 50% duty cycle)	+13dBm output	Clock-out feature

*Future product—contact factory for availability.



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