
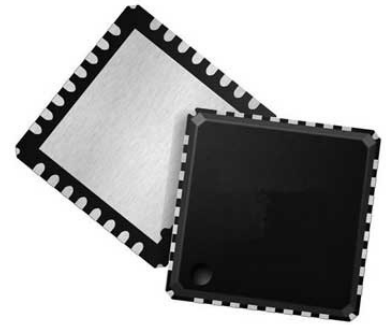


RF Transceiver FSK/OOK 2.5V/3.3V 32-Pin QFN EP T/R

Manufacturer:	Semtech Corporation
Package/Case:	QFN32
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SX1212 is a low cost single-chip transceiver operating in the frequency ranges from 300 MHz to 510 MHz. The SX1212 is optimized for very low power consumption (3mA in receiver mode).

Key Features	Application
Low Rx power consumption: 3mA	Wireless alarm and security systems
Low Tx power consumption: 25 mA @ +10 dBm	Wireless sensor networks
Good reception sensitivity: down to -104 dBm at 25 kb/s in FSK, -110 dBm at 2kb/s in OOK	Automated Meter Reading Home and building automation
Programmable RF output power: up to +12.5 dBm in 8 steps	Industrial monitoring and control
Packet handling feature with data whitening and automatic CRC generation	Remote Wireless Control
RSSI (Received Signal Strength Indicator)	Active RFID PHY
Bit rates up to 150 kb/s, NRZ coding	Packaging
On-chip frequency synthesizer	TQFN32
FSK and OOK modulation	Order Codes
Incoming sync word recognition	
Built-in Bit-Synchronizer for incoming data and clock synchronization and recovery	SX1212IWLTRT: Transceiver Ultra-Low Power Integrated 300-510MHz Transceiver
5 x 5 mm TQFN package	SX1230-13RKEA433: Turnkey Remote Keyless Entry Reference Design Kit with SX1230 transmitter, SX1211 or SX1212 Transceiver, KEELOQ® code-hopping encryption software and Microchip's PIC16F631 or PIC16F677
Optimized Circuit Configuration for Low-cost applications	8-bit MCU

Recommended For You

SX1250IMLTRT

Semtech Corporation
QFN24

SX1278IMLTRT

Semtech Corporation
QFN28

SX1280IMLTRT

Semtech Corporation
QFN24

SX1262IMLTRT

Semtech Corporation
QFN24

SX1232IMLTRT

Semtech Corporation
QFN24

SX1261IMLTRT

Semtech Corporation
QFN24

SX1308IMLTRT

Semtech Corporation
QFN64

SX1243IULTRT

Semtech Corporation
DFN8

SX1272IMLTRT

Semtech Corporation
QFN

SX1303IMLTRT

Semtech Corporation

QFN-68

SX1239IMLTRT

Semtech Corporation

QFN24

SX1276IMLTRT

Semtech Corporation

QFN28

SX1302IMLTRT

Semtech Corporation

QFN68

SX1257IWLTRT

Semtech Corporation

QFN32

SX1301IMLTRT

Semtech Corporation

QFN64