
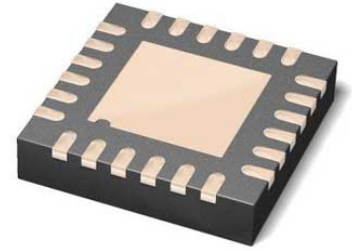


RF Transceiver FSK 2.5V/3.3V 24-Pin QFN EP T/R

Manufacturer:	Semtech Corporation
Package/Case:	QFN24
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

SX1261, SX1262 and SX1268 sub-GHz radio transceivers are ideal for long range wireless applications. Both devices are designed for long battery life with just 4.2 mA of active receive current consumption. The SX1261 can transmit up to +15 dBm and the SX1262 and SX1268 can transmit up to +22 dBm with highly efficient integrated power amplifiers.

Key Features

LoRa and FSK Modem
170 dB maximum link budget (SX1262 / 68)
Low RX current of 4.6 mA
Integrated DC-DC converter and LDO
Programmable bit rate up to 62.5 kbps LoRa and 300 kbps FSK
High sensitivity: down to -148 dBm
88 dB blocking immunity at 1 MHz offset
Co-channel rejection of 19 dB in LoRa mode
FSK, GFSK, MSK, GMSK and LoRa modulation
Built-in bit synchronizer for clock recovery
Automatic Channel Activity Detection (CAD) with ultra-fast AFC

Application

The level of integration and the low consumption within SX1261/2 enable a new generation of Internet of Things applications.

Smart meters
Supply chain and logistics

Building automation

Agricultural sensors

Smart cities

Retail store sensors

Asset tracking

Street lights

Parking sensors

Environmental sensors

Healthcare

Safety and security sensors

Remote control applications

Packaging

Part Number | Delivery | Minimum Order Quantity

SX1261IMLTRT | Tape & Reel | 3'000 pieces

SX1262IMLTRT | Tape & Reel | 3'000 pieces

SX1268IMLTRT | Tape & Reel | 3'000 pieces

Recommended For You

SX1250IMLTRT

Semtech Corporation

QFN24

SX1278IMLTRT

Semtech Corporation

QFN28

SX1280IMLTRT

Semtech Corporation

QFN24

SX1262IMLTRT

Semtech Corporation

QFN24

SX1232IMLTRT

Semtech Corporation

QFN24

SX1212IWLTRT

Semtech Corporation

QFN32

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