


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

<b>Manufacturer:</b>	<a href="#">Semtech Corporation</a>
<b>Package/Case:</b>	QFN24
<b>Product Type:</b>	Communication & Networking ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	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

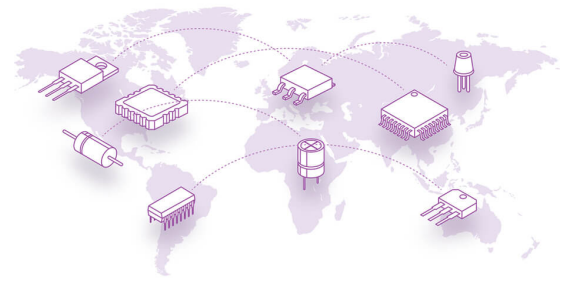
Packaging

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

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### **SX1250IMLTRT**

Semtech Corporation

QFN24

### **SX1278IMLTRT**

Semtech Corporation

QFN28

### **SX1280IMLTRT**

Semtech Corporation

QFN24

### **SX1232IMLTRT**

Semtech Corporation

QFN24

### **SX1212IWLTRT**

Semtech Corporation

QFN32

### **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