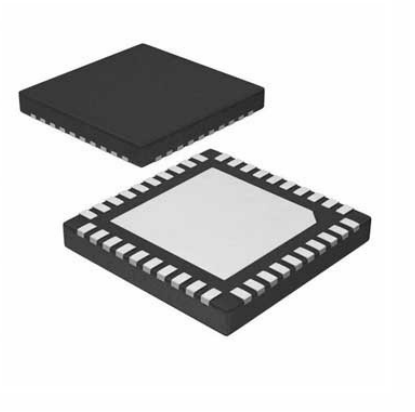



RF Transceiver FSK/GFSK/PSK 3V 40-Pin QFN EP T/R



Images are for reference only

[Inquiry](#)

Manufacturer:	ON Semiconductor, LLC
Package/Case:	QFN40
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete

General Description

The AX-SFEU is a single chip solution for a node on the Sigfox network. In the Internet of Things the domain of nation wide coverage and ultra low power consumption for smallest amounts of data can not be addressed by established standards such as GPRS or LTE. This void is now filled by Sigfox, the ultra low power cellular connectivity solution.

Add Sigfox functionality for up-link and down-link to any existing system at the cost of 20x13 mm² PCB area. It can also be used as a single chip solution that control small sensor nodes. The AX-SFEU device is fully programmed for immediate operation as a Sigfox node.

Key Features

- Lowest Power Radio
- 950 nA sleep current
- Capability of running other sub-1G protocols such as wireless M-Bus on the same hardware
- 45 mA TX current at 14 dBm output power
- 10 mA RX current
- Ultra-low power consumption for a nationwide bi-directional network node
- Up-Link and Down-Link

Application

- Industrial IoT
- Building and Home Automation
- Automatic Meter Reading
- Sensor and Asset Tracking
- Control and lighting

Recommended For You

AX5043-1-TW30

ON Semiconductor, LLC
QFN28

AX8052F143-3-TX40

ON Semiconductor, LLC
40-QFN(7x5)

AX5243-1-TW30

ON Semiconductor, LLC
QFN20

AX8052F143-3-TX30

ON Semiconductor, LLC
QFN-40

AX-SIP-SFEU-1-01-TX30

ON Semiconductor, LLC
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AX-SFJK-1-01-TX30

ON Semiconductor, LLC
40-QFN(7x5)

AX5031-1-TW30

ON Semiconductor, LLC
QFN

AXM0F343-64-1-TX40

ON Semiconductor, LLC
QFN40(7x5)

AX-SFJK-API-1-01-TX30

ON Semiconductor, LLC
40-QFN(7x5)

AXM0F343-256-1-TX40

ON Semiconductor, LLC
40-QFN(7x5)

AX-SFAZ-1-01-TB05

ON Semiconductor, LLC
40-QFN(7x5)

AX-SFJK-API-1-01-TB05

ON Semiconductor, LLC
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AX8052F131-2-TB05

ON Semiconductor, LLC
40-QFN(7x5)

AX-SFAZ-1-01-TX30

ON Semiconductor, LLC

AX-SIP-SFEU-API-1-01-TX30

ON Semiconductor, LLC
BGA