ZigBee and IEEE802.15.4 wireless microcontroller with 256 kB Flash, 32 kB RAM

Manufacturer:	NXP Semiconductor
Package/Case:	JN5168-001-M00Z
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free RoHS
Lifecycle:	Obsolete

Images are for reference only

Inquiry

General Description

Note: NXP has discontinued selling this module and has been replaced by Azurewave's AW-CU479?module The JN5168-001-M00 is an ultra low power, high performance surface mount modules targeted at IEEE 802.15.4, ZigBee Light Link, ZigBee Smart Energy and RF4CE networking applications, enabling users to realise products with minimum time to market and at the lowest cost. They remove the need for expensive and lengthy development of custom RF board designs and test suites. The modules use NXP's JN5168 wireless microcontroller to provide a comprehensive solution with large memory, high CPU and radio performance and all RF components included. All that is required to develop and manufacture wireless control or sensing products is to connect a power supply and peripherals such as switches, actuators and sensors, considerably simplifying product development. Four module variants are available: JN5168-001-M00 with an integrated antenna, JN5168-001-M03 with an antenna connector and the JN5168-001-M05 and M06 with an antenna connector, power amplifier and LNA for extended range. The JN5168-001-M05 output power has been optimised for use in Europe and Asia. For support documentation, please click here

Key Features

Features: Module

Target Applications

Recommended For You

JN5169/001Z	**JN5148-001**	**JN5179/001Z**
NXP Semiconductor	NXP Semiconductor	NXP Semiconductor
QFN40	QFN	RoHS

JN5139/Z01,515	**JN5188HN/001Z**	**JN5164/001,515**
NXP Semiconductor	NXP Semiconductor	NXP Semiconductor
56-VFQFN	QFN40	QFN40

JN5178/001K

NXP Semiconductor

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JN5139/001,515

NXP Semiconductor

56-VFQFN

JN5178/001Z

NXP Semiconductor

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JN5148/001,518

NXP Semiconductor

56-VFQFN

JN5174/001Z

NXP Semiconductor

-

JN5148/J01,515

NXP Semiconductor

56-VFQFN

JN5174/001K

NXP Semiconductor

-

JN5161/001

NXP Semiconductor

QFN40

JN5148/Z01,518

NXP Semiconductor

56-VFQFN

JN5178/001K

NXP Semiconductor

JN5139/001,515

NXP Semiconductor

JN5178/001Z

NXP Semiconductor