

Nordic Micro-Module High Density



Overview

Specifically, we cover how to use the high-density (0.35 mm ball pitch) version of this component in a design that requires some HDI design techniques. The nRF54L Series offers SoCs that combine an efficient MCU with ultra-low-power wireless connectivity. The nRF54LM20A provides the largest memory option in the series, with 2 MB NVM and 512 KB RAM. It features an extended set of peripherals, high-speed USB, and is available with up to 66 GPIOs. This Product Specification contains functional descriptions, register tables, and electrical specifications, and is organized into chapters based on the modules and peripherals that are available in this IC. Note: The HTML rendition of the Product Specification corresponds to the latest version. u-blox's new versatile Bluetooth LE modules ALMA-B1 and NORA-B2, integrating Nordic's new nRF54 Series chips, offer powerful processing and high-security features for high-end and industrial IoT applications. Thalwil, Switzerland – April 4, 2024 – u-blox (SIX:UBXN), a global provider of leading. - 433MHz ISM antennas, ideal for IoT devices, remote control, monitoring, and sensing applications. - Optimized for Bluetooth®, Wi-Fi®, and combo System-on-Chip (SoC) and module applications.

Article Content

nRF5340 Product Specification

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Christian Hirsch Taps Nordic's nRF9151 to Bring Broad Connectivity to ...

Electronic and embedded engineer Christian Hirsch is preparing to launch a MicroMod Processor based around the Nordic Semiconductor nRF9151 — providing LTE-M cellular, NB-IoT, ...

nRF52832

It incorporates Nordic's best-in-class performance radio transceiver, an ARM® Cortex™ M4F CPU and 512kB flash and 64kB RAM memory. The nRF52832 supports Bluetooth® low energy (Bluetooth 5), ...

Getting Started With nRF52 MCU in a PCB design | Altium

Specifically, we cover how to use the high-density (0.35 mm ball pitch) version of this component in a design that requires some HDI design techniques. We'll also show the entire ...

New Nordic nPM1100 PMIC and EK variants

All Nordic nPM1100 variants require no configuration software to operate as all settings are pin configurable. All new product variants are in volume production and available to order now.

Nordic Semiconductor Newest Wireless & RF Modules - Mouser

Nordic Semiconductor Wireless & RF Modules are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Nordic Semiconductor Wireless & RF Modules.

u-blox incorporates newest Nordic Semiconductor Bluetooth chips

The modules are based on the latest generation nRF54 Series Systems-on-Chip (SoCs) from Nordic Semiconductor. They both support Bluetooth LE 5.4 and Thread/Matter technologies in a ...

3rd-party modules

By using these modules you can leverage all the strengths of Nordic's SoC hardware and software architecture and make a "single module product" without the need for an additional microcontroller to ...

u-blox incorporates newest Nordic Semiconductor ...

The modules are based on the latest generation nRF54 Series Systems-on-Chip (SoCs) from Nordic Semiconductor. They both support ...

nRF51 Series Reference Manual

This reference manual is a functional description of all the modules and peripherals supported by the nRF51 series and subsequently, is a common document for all nRF51 System on Chip (SoC) devices.

nRF54LM20A ultra-low-power wireless SoC

It is designed as a complementary component to Nordic's nRF52® Series and nRF53® Series System-on-Chips (SoCs) to ensure reliable power delivery and stable operation, whilst maximizing battery life ...

Contact Us

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