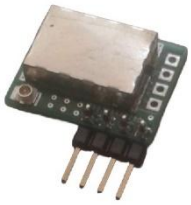
EGN Elektronik

RF Wireless Modules

NRX05CFS9 915MHz FSK/GFSK RF Receiver Module

(with RF Frontend SAW Filter, RF Shield and U.FL RF Antenna Connector)



Brief

NRX05CFS9 is a small size, compact, low power and easy to use 915MHz FSK/GFSK RF Receiver module based on Cmostek Microelectronics CMT2219A RF IC. It has same technical specifications as NRX05CF9, only difference is additional interference immunity provided by the RF shield added.

Features

- Wide supply voltage range, 1.8V~3.6V
- Operating frequency 915MHz, FSK/GFSK demodulation
- Up to 100ksps symbol rate
- Direct, buffer and packet mode
- Manchester decoding, data de-whitening
- -109dBm Receiver sensitivity, (9.6kbps,FSK))
- Low power consumption, 5.7mA, sleep mode <440nA
- Frequency, symbol rate and modes programmable/customizable
- Preprogrammed plug-and-play use without MCU or advanced mode with MCU control
- Small size - 21.34mmx16.76mm

Application Areas

- Low cost consumer electronics applications
- Smart Building Automation
- Industrial Monitoring and Control
- Remote Control, Remote Keyless Entry, Remote AMR
- Wireless Alarm and Security

Documentation and Supplementary Materials

- NRX05CFS9 915MHz FSK/GFSK RF Receiver Module Product Flyer
  https://www.egn-elektronik.com.tr/EN/PDFs/EGN-WRFM-NRX05CFS9-Product-Flyer.pdf
- NRX05CFS9 915MHz FSK/GFSK RF Receiver Module Technical Data
  https://www.egn-elektronik.com.tr/EN/PDFs/EGN-WRFM-NRX05CFS9-Technical-Data.pdf