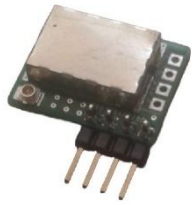
EGN Elektronik

RF Wireless Modules

NRX05CFS8 868MHz FSK/GFSK RF Receiver Module

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



Brief

NRX05CFS8 is a small size, compact, low power and easy to use 868MHz FSK/GFSK RF Receiver module based on Cmostek Microelectronics CMT2219A RF IC. It has same technical specifications as NRX05CF8, only difference is additional interference immunity provided by the RF shield added.

Features

- Wide supply voltage range, 1.8V~3.6V
- Operating frequency 868MHz, 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

- NRX05CFS8 868MHz FSK/GFSK RF Receiver Module Product Flyer
  https://www.egn-elektronik.com.tr/EN/PDFs/EGN-WRFM-NRX05CFS8-Product-Flyer.pdf
- NRX05CFS8 868MHz FSK/GFSK RF Receiver Module Technical Data
  https://www.egn-elektronik.com.tr/EN/PDFs/EGN-WRFM-NRX05CFS8-Technical-Data.pdf