



SIGFOX Certified Module

SN10-11/12/13 Module for your SIGFOX application

Key Features

- *SN10-1x series module family is a high performance and ultra low power RF performance SIGFOX™ ULTRA NARROW BAND MODEM modules. It combined a powerful radio transceiver to offers an outstanding RF sensitivity.*
- *Easy to integrated platform for IoT applications requested both long and short range wireless technology directly connect to SIGFOX™ network.*

Target Applications

- Dash button
- Sensor network
- Asset tracking
- ...



Specifications

- *High performance low power RISC micro-controller*
- *Memory*
 - 32kB EROM
 - 7kB RAM
- *Ultra Narrow Band Radio*
 - Frequency Band (SIGFOX™ Zone)
SN10-11: 868MHz (RCZ1)
SN10-12: 902MHz&920MHz (RCZ2&RCZ4)
SN10-13: 923MHz (RCZ3)
 - Excellent Receiving Sensitivity: -125dBm @600bps 2GFSK
 - Excellent Image Rejection: 60 dB
 - Excellent Blocking Performance: 58 dB
 - Output Power
SN10-11: 14dBm
SN10-12: 23dBm
SN10-13: 13dBm
- *Interface*
 - SPI
- *Outline*
 - SN10-11/13: 15mm(L) x 15mm(W) x 2.8mm(H)
 - SN10-12: 21.5mm(L) x 15mm(W) x 2.8mm(H)
 - Castellated SMT pads
- *Operating Temperature Range*
 - -40°C to +85°C
- *Power Supply*
 - SN10-11/13: 1.9 to 3.6 VDC
 - SN10-12: 3.3 to 3.6 VDC
- *Software*
 - Pre-flashed Sigfox software stack

○Evaluation Kit is also available.



Ordering information

Please email to sigfox@innocomm.com or call +886-3-5781868 for more information.

InnoComm is authorized partner of SIGFOX® to offer modules and devices who require to develop applications based on SIGFOX® network.



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