# NTR08 Series 433MHz/868MHz LP(+13dBm) RF LoRa Transceiver Modules

**Features - Radio**

- 433MHz/868MHz ISM Frequency Band, LoRa and (G)FSK modem, SX1262 IC
- Data rate – Up to 300kbps for (G)FSK, Up to 62.5kbps for LoRa
- -146dBm Receiver Sensitivity (LoRa, SF-12, BW-10.4kHz)
- +13dBm RF Output Power (adjustable with 1dB step size)
- Buffer packet data, spectrum shaping, FEC-Forward Error Correction
- Low current consumption, 4.9mA in receive mode, 600nA in sleep mode
- Full radio configuration/control and modem/data parameters

Other

- Power Supply : 1.8V~3.6V
- Operating Temperature : -40°C~+85°C
- Small profile : 43.10mmx28.60mm





| MPN | Frequency | Connector | RF Shield |
|---|---|---|---|
| NTR08RSL8 | 868MHz | SMA RF Connector | Yes |
| NTR08RSL4 | 433MHz | SMA RF Connector | Yes |
| NTR08CSL8 | 868MHz | U.FL RF Connector | Yes |
| NTR08CSL4 | 433MHz | U.FL RF Connector | Yes |

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