LPRS

eRIC-LR2021



NEXT-GEN LoRaWAN & NTN Connectivity

eRIC-LR2021 LoRaWAN NTN module

Hybrid terrestrial + satellite communications

•Ultra long range •Ultra low power •Global frequency support

Features

Dual RF
LoRaWAN & Satellite NTN in one module

Global Coverage
150MHz – 960MHz & 1.6GHz – 2.5GHz

Ultra Low Power
Only 39mA TX current

Class Leading Sensitivity
-148 dBm RF sensitivity



Module Details

- ✓ 20mm x 15mm x 3mm
- ✓ Surface Mount
- ✓ Semtech LR2021 based

Applications

- Asset Tracking & Logistics
- Drone / UAV
- Remote Monitoring & Sensing
- Utility & Industrial IoT
- Environmental & Agricultural Sensors

Ordering

- ✓ eRIC-LR2021-HCI (HCI interface)
- ✓ eRIC-LR2021-S (Standalone)
- ✓ eRIC-LR2021-BOB (Breakout board)

Why LPRS?

- ✓ UK designed & made
- ✓ In business since 1985
- ✓ RF experts

Contact Us

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LPRS

eRIC-LR2021-BOB



NEXT-GEN LoRaWAN & NTN Connectivity

eRIC-LR2021 Breakout board

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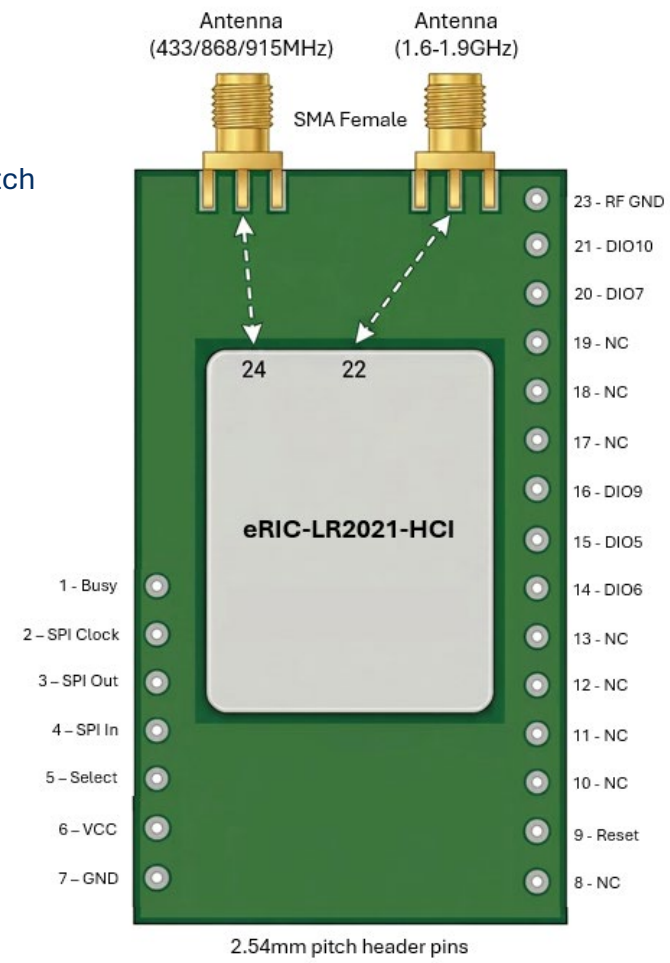
Features

Dual RF
Via either u.FL or SMA connectors

Board Details
53mm x 30mm x 15mm, 23 pin, 2.54mm pitch

LR2021
Based on Semtech LR2021

HCI device
Your processor runs the RF stack



2.54mm pitch header pins

Applications

- Asset Tracking & Logistics
- Drone / UAV
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- Utility & Industrial IoT
- Environmental & Agricultural Sensors

Ordering

2 x SMA Connectors: eRIC-LR2021-BOB-SMA
2 x u.FL Connectors: eRIC-LR2021-BOB-u.FL

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