LR1110

LoRa Edge™ Tracker Reference Designs

Description

The LR1110 LoRa Edge Tracker Reference Designs are pre-programmed with LoRa Basics™ Modem-E, and is ready to connect to LoRa Cloud™ Geolocation and Device and Application Services. It is configured for the 915MHz frequency band (LR1110TRK1CKS) for North America and 868MHz frequency band (LR1110TRK1BKS) for Europe. The LoRa Edge Tracker Reference Design is LoRaWAN Certified[CM]. Typical applications include asset location, asset recovery, asset traceability, inventory management, asset loss, and theft prevention.

Features

- Based on the LR1110 transceiver
- Frequency band:
    - 915MHz for North America (LR1110TRK1CKS)
    - 868MHz for Europe (LR1110TRK1BKS)
- 6 PCB layers
- 32MHz reference clock: TCXO
- Tx out power:
    - 22dBm (LR1110TRK1CKS)
    - 14dBm (LR1110TRK1BKS)
- RF switch RF matching
- E595V03A PCB version number

Specifications

- Asset location
- Asset recovery
- Asset traceability
- Inventory management
- Asset loss and theft prevention

View All Parts

To learn more, visit www.mouser.com/semtech-lr1110-lora-reference-designs/