Product Brief

Type 2DT-158 Module

Compact LoRa® Edge module

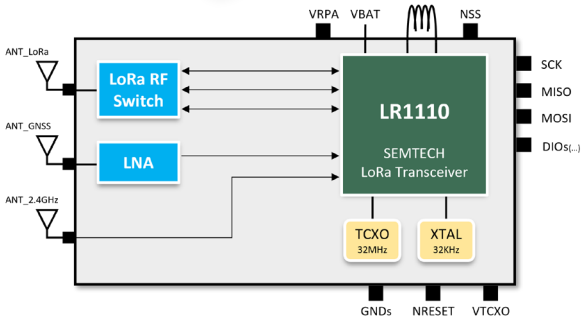
Highly integrated design for small size, extended battery life, and cost-effective asset tracker devices

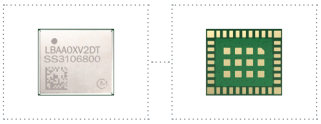
Features

- SEMTECH LR1110 LoRa Edge™ platform
  - LoRa transceiver
  - Wi-Fi passive Scanner
  - Multi-Constellation GNSS Scanner (GPS & BeiDou)
- Low powerconsumption
- Package: LGA
- Operating temperature of -40°C to +85°C
- TCXO for maximum frequencyaccuracy
- Integrated LNA for increased sensitivity
- Regulatory certification: FCC / ISED / CE / TELEC
- RoHS: This module is RoHS compliant

Benefits

- Highly integrated module reducing end device footprint and PCB layer
- Multi-technology radio addressing various Indoor and Outdoor positioning use cases
- Allows simple RF design with minimum additional components required
- Cloud-based solver for positioning to extend battery life
- Easily portable to various MCU allowing for simple integration to existing and New product design
- The module's RF test reports can be reused for end-product certification
- Industry-Leading Quality and Reliability
- Cost and power optimized solution





Actual size:
9.98 x 8.70mm

Specifications

Product name	LBAA0XV2DT-158
Technology	LoRa, LR-FHSS, Wi-Fi scanner, GNSS scanner
PeripheralI/F	SPI, GPIOs
Dimensions	9.98 x 8.70 x 1.74 mm (max)
OperatingTemperature	-40°C to 85°C
Regulatorycertification	FCC, ISED, CE, TELEC

Contents are subject to change without notice.

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