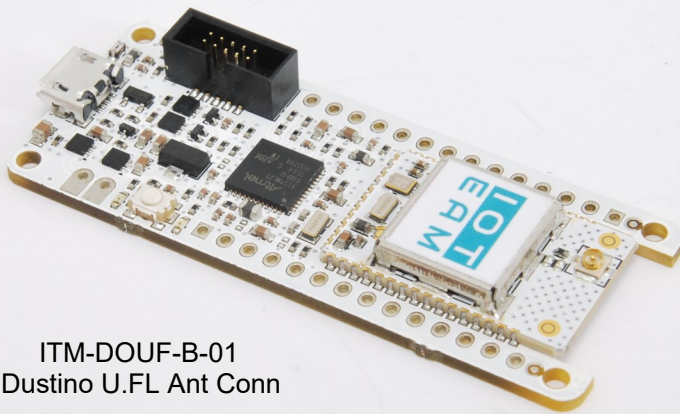
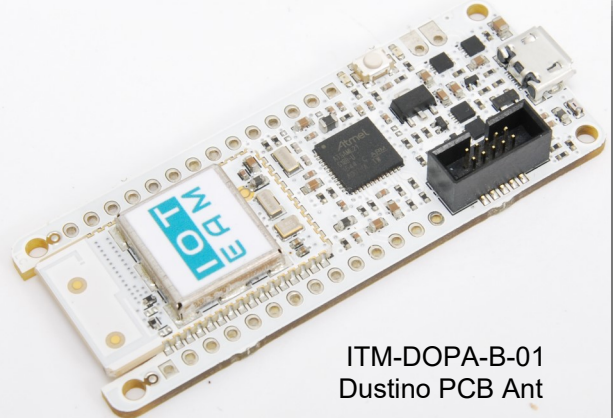


IOTEAM

Dustino



ITM-DOUF-B-01
Dustino U.FL Ant Conn



ITM-DOPA-B-01
Dustino PCB Ant

The world's first wireless mesh IoT prototyping board with IOTEAM's Dusty

Dustino is the world's first wireless mesh Internet of Things (IoT) Arduino MKRZero form factor board with IOTEAM's Dusty module on board. It is a board that couples Arduino compatibility, enabling it to use all of the Arduino shields and accessories, and SmartMesh IP™ from Linear Tech.

Dustino represents a key solution for easy and fast prototyping. It is Arduino IDE compatible and powered by USB or battery. It is especially useful for both the Makers' community, as an Arduino compatible board, and the R&D teams of larger entities.

Being IOTEAM's DUSTY on the board CE and FCC certified, there's no need to certify the single board produced using Dustino, making it faster and more inexpensive to prototype and produce.

Board Characteristics

- ◆ Microchip Cortex M0+ USB Host (ATSAMD21G18B-MU)
- ◆ IOTEAM's DUSTY Module (Linear Technology Wireless SmartMesh IP™, see box)

Features

- ◆ SmartMesh IP™ Embedded Wireless Mesh Networking
- ◆ >99.999% Data Reliability in Industrial IoT
- ◆ >10 Years of Battery Life
- ◆ Delivers your real-time critical information
- ◆ No wires, place sensors anywhere
- ◆ Encryption & authentication
- ◆ Secured network
- ◆ Complete Mesh Networking Software
- ◆ No network software development needed for the meshed network created by Dust
- ◆ Powered by USB or battery (2 x 1,5 V)

The Dusty module is a PCBA product incorporating the Linear Technology®'s LTC®5800-IPM SoC running SmartMesh IP embedded networking software. The Dusty module comes complete with an onboard PCB antenna or U.FL connector, crystals and modular RF certifications.



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- ◆ Battery monitoring
- ◆ Arduino MKRZero form factor
- ◆ Arduino IDE compatible