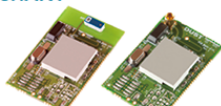# DUST SmartMesh starter kit

SmartMesh WirelessHART

LTP5903-WHR
Embedded Manager
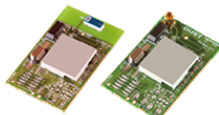(PCBA)

LTP5900-WHM
22-Pin Mote Module
(PCBA)

LTP5901-WHM (chip antenna)
LTP5902-WHM (MMCX)
Mote Modules
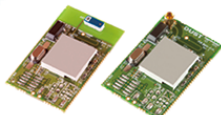(PCBA)

LTC5800-WHM
Mote-on-Chip
(QFN)

SmartMesh IP

LTP5901-IPR (chip antenna)
LTP5902-IPR (MMCX)
Embedded Managers
(PCBA)

LTC5800-IPR
Manager-on-Chip
(QFN)

LTP5901-IPM (chip antenna)
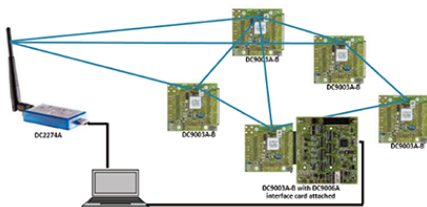**LTP5902-IPM (MMCX)**
Mote Modules
(PCBA)

LTC5800-IPM
Mote-on-Chip
(QFN)

managers   *motes*

DC9000B - SmartMesh IP Starter Kit
- 1 x DC2274 SmartMesh IP USB manager (100 node capacity)
- 5 x DC9003A-B Eterna, SmartMesh IP eval/dev motes
- 1 x DC9006A interface card (including DC9004 adaptor card, not pictured)
- 1 x micro-USB cable; 1x USB-A Extension cable
- Additional CR2032 batteries

Key Feature
- The Only Network Built for Industrial IoT.
- No Wireless network stack development required.
- Engineered for Years of Trouble-Free Operation.

Key specifications of the demo
- SmartMesh topology(TSCH).
- Low Iq

Focus market and applications
- Industrial wireless sensor network. For examples: parking management; factory facility monitoring and control.

Solve the design challenge
- Wireless network with "wire like" reliability. Saving installing cost.
- Years operation time by single battery.