

802.15.4e SOC 2483.5MHz 250Kbps 66Pin Tray

Manufacturers	Analog Devices, Inc
Package/Case	SMD
Product Type	RF Integrated Circuits
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LTP5902IPC-IPMA#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SmartMesh IP wireless sensor networks are self-managing, low power internet protocol (IP) networks built from wireless nodes called motes. The LTP5902-IPM is printed circuit board assembly (PCBA) product with on-board chip antenna in the Eterna® family of IEEE 802.15.4e solutions, featuring a highly integrated, low power radio design as well as an ARM Cortex-M3 32-bit microprocessor running SmartMesh IP embedded networking software. The LTP5902-IPM, at 37mm × 24mm, is built for surface-mount assembly.

With SmartMesh IP time-synchronized networks, all motes in the network may route, source or terminate data, while providing many years of battery powered operation. SmartMesh IP is a highly flexible network with proven reliability and low power performance in an easy-to-integrate platform.

The LTP5902-IPM's behavior in a SmartMesh IP network is determined by the choice of SmartMesh IP network software loaded: Wireless Mote, EManager, Access Point Mote in a SmartMesh IP network. The SmartMesh IP software provided with the LTP5902-IPM is fully tested and validated, and is readily configured via a software Application Programming Interface. Once you have purchased SmartMesh IP products, the SmartMesh IP stack binaries may be downloaded via your myAnalog account.

Features

- 37mm × 24mm PCBA module with MMCX antenna connector
- Integrates 2.4 GHz, IEEE 802.15.4e System-on-Chip, Complete with Embedded SmartMesh Networking Software

- Sub 50µA Routing Nodes

- Serves as either a Wireless Mote, EManager, or Access Point Mote in a SmartMesh IP network

Application

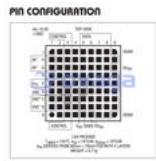
SmartMesh IP is ideally suited for wireless Industrial Internet of Things (IoT) applications. To learn more about SmartMesh applications, [click here](#).

Related Products



[LTC5510IUF](#)

Analog Devices, Inc
QFN-16



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LGA81



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