Iridium® Push-to-Talk

Integrator Development Kit

Everything your team needs to dramatically accelerate development of your own product.

Enable Global Push-to-Talk Capability

The Iridium Push-to-Talk Integrator Development Kit allows developers to quickly and easily incorporate the Iridium Push-to-Talk Service into powerful solutions — leveraging the world's only truly global network. Iridium Push-to-Talk enables fast, flexible, and secure group communications to an unlimited number of enabled devices at the push of a button — anywhere on the planet, at any time.

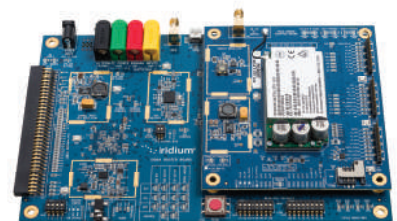### Rapidly Transform Ideas into Real Solutions

The Iridium Push-to-Talk Integrator Development Kit empowers developers to create innovative solutions in a fraction of the time. It includes all the hardware and software components needed to start developing Push-to-Talk applications, ease solution design, and significantly advance development.

Comprehensive and Convenient

The Hardware Development Kit is specifically designed to simplify the development process. Everything that an integrator needs is included: modem, antennas, power supply, audio headset, cables, and a convenient carrying case. The streamlined development board is spacious and user-friendly, has clear configuration options, and includes powerful expansion capabilities.

Powerful and Progressive

The Software Development Kit allows integrators to make their first Iridium Push-to-Talk call without any further development. Ready-to-run demonstration applications and portable source code are included. The Iridium Push-to-Talk Integrator Development kit is designed to facilitate success — from first call to finished product.

Hardware Key Features

Configurable Host Control

▶ Connect to the Modem Through the USB Interface or the Expansion Port

▶ All Components of the Kit are Available for Control Through Either Interface

Minimalist and Clear Configuration Options

▶ Configuration DIP Switches for Clarity and Convenience

▶ Explicit Identification of Default Configuration & Switch Effects

Investigation-Friendly Design

▶ Probe-connection Points for Engineering Tools to All Modem Interface Signals

▶ LEDs Visually Indicate Various States of Interest

Single Micro-USB Connection

▶ Eliminates Clutter & Simplifies Interface

▶ Allows Remote Control of GPIO Signals

Multiple Power Supply Options

▶ Single-source Operation for Convenience

▶ Bench-supply Option Allows Separation of Modem from Supporting Circuitry

GPS Receiver Included

▶ Provides Necessary Timing Information to Iridium Modem

▶ Enables Location-aware Host Application Development

Example Expansion Board

▶ Demonstrates Expansion Port Concept In-use

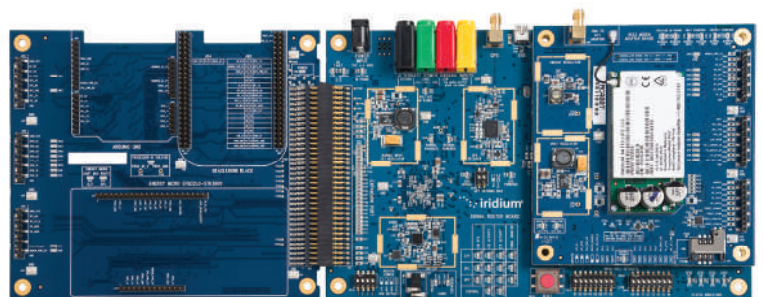▶ Allows Immediate Development on Arduino, Beagle Bone, or Energy Micro Processors

Other Features

▶ SIM Card Holder

▶ Digital Audio Port Access

Integrator Development Kit Includes:

▶ Iridium Core 9523 Satellite Transceiver

▶ Iridium Core 9523 Modem Adapter Board

▶ Signal Router Board

▶ Example Expansion Adapter Board

▶ Power Supply with International Adapters

▶ L-Band and GPS Antennas

▶ Earbud and Microphone

▶ USB Cable

▶ Carrying Case

▶ Software Development Kit on USB Thumb Drive

▶ User Documentation

Contact Information

For more information, email **sales@iridium.com** or contact an Iridium Service Provider.

Only One Communications Company Connects the Entire Globe

Iridium commands the world's furthest reaching network, making it the only truly global communications company with solutions that span from pole-to-pole. Iridium voice and data products provide superior communications solutions that allow global companies, government agencies and individuals to stay connected everywhere. With a unique, global ecosystem of partners, Iridium continues to create new, high-value capabilities that are leading the world into a new era of communication.

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