

PRODUCT LAUNCH OVERVIEW



XR21B1411

**ENHANCED 1-CH FULL-SPEED
USB UART**

The XR21B1411 (B1411) is an enhanced Universal Asynchronous Receiver and Transmitter (UART) with a USB interface. The USB interface is fully compliant to Full Speed USB 2.0 specification and supports 12 Mbps USB data transfer rate. The USB interface also supports USB suspend, resume and remote wakeup operations.

Features

- ± 15 kV HBM ESD on USBD+/USBD-
- USB 2.0 Compliant Interface
 - Supports 12 Mbps USB full-speed data rate
 - Supports USB suspend, resume and remote wakeup operations
- Enhanced Features (more than listed below)
 - Data rates up to 12 Mbps
 - Fractional Baud Rate Generator
 - 128 byte TX FIFO, 384 byte RX FIFO
- Internal 48 MHz clock
- Single 4.40-5.25V power supply
- 16-pin QFN package
- Virtual COM Port drivers
 - Windows 2000, XP and Vista
 - Windows CE 4.2, 5.0, 6.0
 - Linux
 - Mac

Sales Message :

Competition:

Suggested 1000pc Resale

Part Numbers/Packages:

Lead Time:

Evaluation Board:

Technical Support:

Target Applications

- Portable Appliances
- External Converters (dongles)
- Battery-Operated Devices
- Cellular Data Devices
- Factory Automation and Process Controls
- Industrial Applications

USB 2.0 compliant UART supporting +/- 15kV HBM ESD the smallest package and fastest data rate in the industry, along with a complete suite of available software drivers – focus on bus powered applications.

FTDI FT232, Silabs CP2102/3, TI TUSB3410, Moschip MCS7710

\$1.89

XR21B1411IL16-F/3mm x 3mm QFN16

Available now

XR21B1411IL-0A-EB

uarttechsupport@exar.com