



Release Notes

CY3688 MoBL-USB™ TX2UL Development Kit

Release Date: March 29, 2012

Thank you for your interest in the CY3688 MoBL-USB™ TX2UL Development Kit (DVK). This document provides an overview of the DVK and lists the installation requirements.

Overview

The TX2UL is the industry's smallest Hi-Speed USB PHY and supports both high-speed (480 Mbits/sec) and full-speed (12 Mbits/sec) modes. TX2UL answers the need for a ULPI interfaced Hi-Speed USB 2.0 transceiver for use with next generation processors. Its small packaging and low power consumption makes it a perfect solution for mobile applications.

Design and integrate TX2UL into your platform today with the help of the MoBL-USB™ TX2UL Development Kit. The CY3688 DVK can be connected to any existing development platform with a ULPI interface, enabling system designers to easily integrate high-speed USB functionalities into their applications.

The CY3688 Development board features include the TX2UL device itself, USB connector, ULPI connector, and three separate power measurement test points. To provide more flexibility in board configuration, jumper options are available to toggle power supply and ULPI controller options.

System Requirements and Recommendations

Hardware/Operating System Requirements	Minimum	Recommended
Processor speed	500 MHz	1 GHz
RAM	256 MB	512 MB
Free hard drive space	100 MB	250 MB
Screen resolution	800×600	Larger than 800×600
CD/DVD drive	✓	✓
USB Port ([preferably Open Host Controller or Universal	✓	✓
Software Prerequisites	Minimum	Recommended
Adobe Reader (for PDF documents)	6	9+

Updates

Check <http://www.cypress.com/go/CY3688> for the latest documentation.

Installation

To install, insert the kit CD/DVD into your PC's CD/DVD-ROM drive; wait for the setup program to run automatically. Follow the instructions on screen to complete the installation.

Documentation

The following documents are available in <CD/DVD>:\Documentation folder for this kit:

- The MoBL-USB TX2UL DVK Guide: This is a complete guide to this kit. It explains the kit components, the interconnection scheme to your development platform in depth.
- The MoBL-USB TX2UL Board Documentation: The DVK board schematic and layout are included in the CD\Hardware.
- Application Note: Initializing TX2UL-AN42266



- Application Note: Interfacing TX2UL to Marvell Monahans LV Applications Processor – AN42416

Technical Support

For assistance, go to <http://www.cypress.com/go/support> or contact our customer support at +1(800) 541-4736 Ext. 8 (in the USA), or +1 (408) 943-2600 Ext. 8 (International).

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