I2C Port Expander Evaluation Kit
CY3242-IOX Rev A

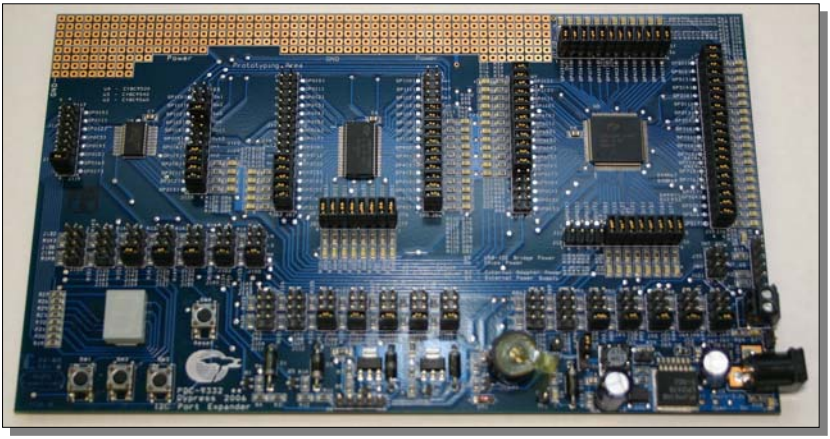
CY3242-IOX I2C Port Expander Evaluation Kit Contents:

Pictured Below

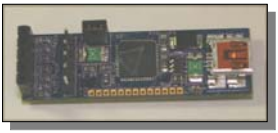
- (1) I2C Port Expander Evaluation Board
- (1) I2C-USB Bridge
- (1) USB Cable (6ft/2m)
- (1) 5V-2A DC Power Supply

Not Pictured Below

- (1) Strip of 10 Post Shunts
- (1) I2C Port Expander Evaluation Kit Mini-CD



I2C Port Expander Evaluation Board



I2C-USB Bridge



USB Cable (6ft/2m)



5V-2A Power Supply

Welcome to the CY3242-IOX I2C Port Expander Evaluation Kit

Thank you for your interest in Cypress's CY3242-IOX I2C Port Expander Evaluation Kit (EVK). This kit will allow you to quickly familiarize yourself with the I2C Port Expander hardware and software.

Start by inserting the EVK mini-CD into the CD or DVD drive on your PC. If autorun is enabled on your computer, the Quick Start Guide will automatically be launched. Additional documents, schematics, firmware examples, and software can also be found by browsing the CD contents.

Additional Resources to Speed Your System from Design to Production

Design Collateral Jump-Starts Your Project
Cypress maintains an extensive collection of Application Notes, Data Sheets, Developer Kits, Errata Updates, Evaluation Boards, Models, Reference Designs, Software, Drivers, and Technical Articles, all available from the Cypress web site at www.cypress.com/designresources to help you design-in Cypress products.

Knowledgebase Includes Answers to Frequent Questions
Containing thousands of technical articles (and growing daily), odds are good that our Knowledgebase contains the answers you're looking for. With articles categorized by products and families, Knowledgebase content can be browsed or searched for relevant material. Recent improvements to the search capability make finding the information you're looking for a snap! Knowledgebase is available at www.cypress.com/support/knowledge_base.cfm.

Discussion Boards Promote Peer-to-Peer Collaboration
Connect with other customers and product experts to discuss Cypress products and technologies. The discussion boards available at www.cypress.com/forums include Programmable System-on-a-Chip™ (PsoC®), Universal Serial Bus (USB), and Network Search Engines (NSE).

"ConnectionCenter" Technical Support System Provides Expert Guidence
Cypress technical support, available at www.cypress.com/support on the Cypress web site, offers free assistance in understanding device operation and in the use of Cypress development tools. In addition, Cypress offers design guidance regarding system architecture and the use of Cypress parts in the customer's application.

"CyPros" Third-Party Consultants Offer Engineering Resources
Customers requiring complex and/or extensive design assistance should be prepared to engage third-party consultants. As a service to our customers, Cypress maintains a list of independent consultants that have been certified and have demonstrated competence in Cypress products. This list is available online at www.cypress.com/support/cypros.