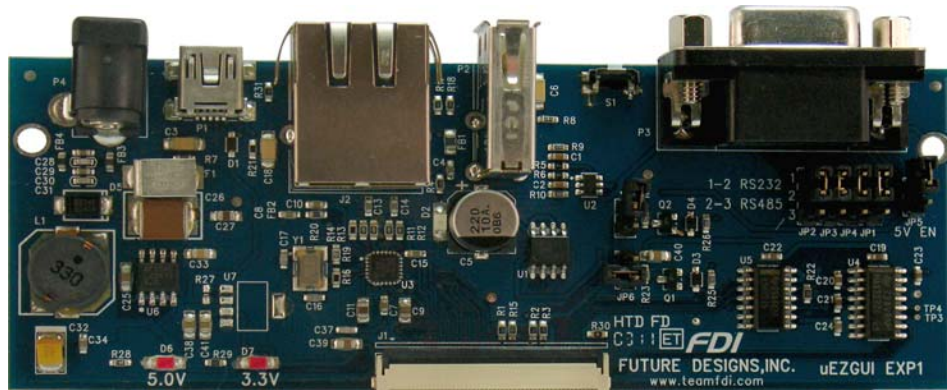# Expansion Board for uEZ® GUI Family

uEZGUI-EXP1

Highlights

Features

- **Fine pitch 50-pin I/O Connection to uEZGUI host board**
- **RS232/RS485 Serial Communication via DB9**
- **USB Host and USB Device**
- **10/100 Ethernet with status LEDs**
- **DC Power Jack for external Wall Power**

Example Connections to uEZGUI Boards

uEZGUI-2478-43WQS with EXP1
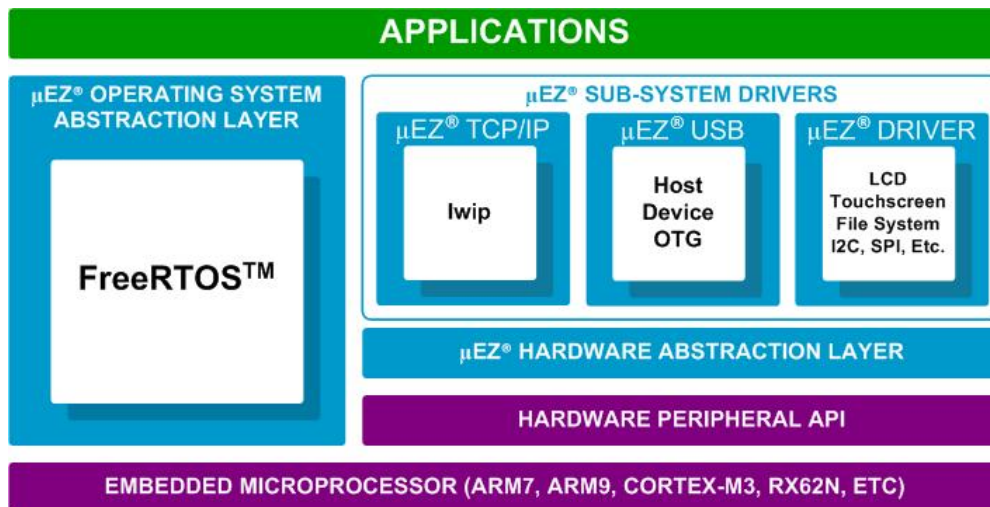
uEZGUI-1788-70WVE with EXP1

uEZGUI-EXP1

EXP1 mounted to uEZGUI-2478-43WQS

Software Drivers Available[*]

μEZ® (pronounced Muse) is an open source rapid development platform that supplies application developers with an extensive library of open source software, drivers, and processor support – all under a common framework. μEZ® allows companies to focus on innovation and their value-added applications while minimizing development time and maximizing software reuse.

The diagram below shows a typical embedded application stack. The μEZ® components comprise three primary categories to simplify embedded application development:

- Operating System Abstraction Layer (μEZ® OSAL)
- Sub-system drivers (ex: μEZ® TCP/IP, μEZ® USB, μEZ® Driver)
- Hardware Abstraction Layer (μEZ® HAL)

[*]Drivers are available when the uEZGUI-EXP1 is paired with a uEZGUI-2478-43WQS or similar unit.

Ordering Information

Part Number: uEZGUI-EXP1
Order Online at: www.digikey.com

Warranty: 30-day money back guarantee
Phone 256-883-1240   Fax 256-883-1241
www.teamfdi.com

Kit Contents:
- **uEZGUI-EXP1 Board**
- **50 pin Flex Cable**

Download Users Manual, documents, schematics, and software examples at: www.uezgui.com

FDI Future Designs, Inc.
Your Development Partner