

FDI

7.0" Resistive Touch Screen LCD GUI



Module Specifications

- Module P/N: **uEZGUI-1788-70WVT-BA**
- Contrast Ratio: 500 typical
- Luminance: 280 cd/m² typical
- Viewing Angle Horizontal: 70° L / 70° R
- Viewing Angle Vertical: 60° U / 70° D
- Power consumption typ/max: 600/1100mA @ 5.0VDC
- Operating Temperature Range: -20°C to +70°C

- Overall Size: 6.70" W x 5.20" H x 0.55" T
- Viewable area: 6.07" W x 3.38" H
- Weight: 276g
- Touch Resolution: 800x480

The **uEZGUI-1788-70WVT-BA** is the stand alone System On Module version and is priced at less than \$200.00 in volume. This unit is designed to be used as an "off-the-shelf" Graphical User Interface (GUI) or Human Machine Interface (HMI) in a variety of end customer applications. The miniature, self-contained design is well suited to embed directly into your product or FDI offers prepackaged versions. FDI also offers low cost customization services for customer specific hardware, software or packaging applications at volumes of 500 units or more.

Software

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 to the right 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)

Software Included:

- uEZ® / FreeRTOS Rapid Development Platform
- uEZ® / SafeRTOS option for Medical/Safety Apps
- MicroSD card maps as USB Flash Drive to the PC
- Rowley CrossWorks Compiler and Tool Suite
- Segger J-Link Lite JTAG for programming and debug
- Customized versions available

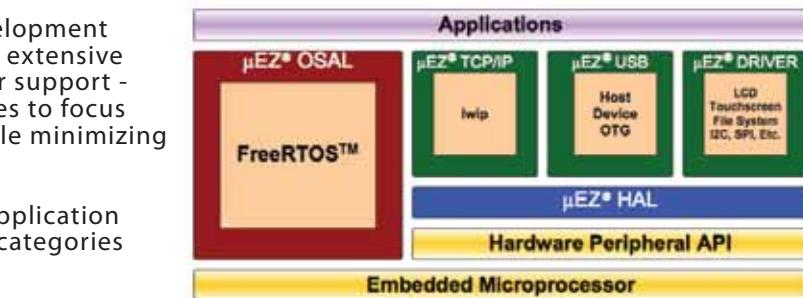
Ordering Information

Kit Part Number: uEZGUI-1788-70WVT

Suggested Resale Price: \$405.00(USD)

Order Online at: www.uEZGUI.com or from any of our franchised distributors

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



Kit Contents

Kit Contents:

- uEZGUI-1788-70WVT-BA Production Module
- USB Device cables for Power and PC communications
- AC Power Supply
- Mini JTAG Debugger with cables
- Micro SD Card
- Stylus

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



[**www.teamfdi.com**](http://www.teamfdi.com)
(256) 883-1240



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