Instant 4.3" Touch Screen Graphical User Interface Module

uEZGUI-43-H01 Fully Enclosed 4.3" Unit

SHARP
MICROELECTRONICS
OF THE AMERICAS

NXP founded by Philips

Highlights

Features

- Touch Screen Sharp 4.3" TFT WQVGA LCD (480 x 272)
- 8MB of SDRAM (optional to 32MB)
- 8MB of NOR Flash (optional to 16MB)
- NXP LPC1788 CPU with 512KB internal Flash
- 2GB microSD Memory Card (optional to 32GB)
- NV Data Storage via 4KB Internal EEPROM
- Internal Real-Time Clock with Supercap Backup
- Speaker, 3-axis Accelerometer, Temp Sensor
- RS232/RS485 Serial communication via DB9
- USB Host and USB Device Ports
- 10/100 Ethernet with status LEDs
- DC Power Jack for external 7-24V Wall Power
- Optional Wi-Fi and Power over Ethernet versions available
- Optional Boot Loader for firmware updates via microSD or USB

Software

- 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
- Customized versions available

freeRTOS™

Rowley Associates

ARM®

Cortex
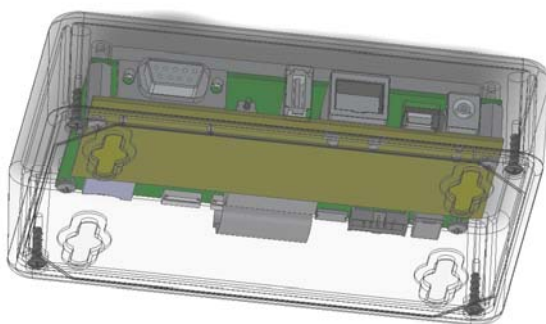Intelligent Processors by ARM®

SEGGER

FDI Future Designs, Inc.
Your Development Partner

Overview

Upgrading your product to a modern touch screen graphical user interface (GUI) just got easier with the uEZ GUI Family. The **uEZGUI-43-H01** provides everything you need in one convenient package. Our extensive worldwide distribution network includes major players like Mouser. So whether you need one unit or a thousand units, you can be in production quickly with local support, consigned inventory and even flexible payment terms. Volume discounts are also available.

The **uEZGUI-43-H01** combines our **uEZGUI-1788-43WQR-BA** and **uEZGUI-EXP1** together in a sleek ABS plastic enclosure to create a powerful self-contained unit. The **uEZGUI-43-H01** comes pre-assembled and is ready to be used out of the box. Our uEZ / FreeRTOS Rapid Development Platform provides all of the typical drivers and firmware needed for most commercial applications in an open source, no cost package. Our uEZ / SafeRTOS platform is perfect for Medical or Safety Critical applications and runs on the same uEZ GUI Family hardware. We also offer optional Wi-Fi and Power over Ethernet (POE) options for additional flexibility. Ask about our uEZ+ Boot Loader to allow easy customer application firmware updates in the field via either the microSD card or a USB Flash drive.

FDI offers a Quick Start service to help get your new application up and running fast (in many cases this may only take a few weeks). Our emWin GUI experts are available to help customize your User Interface, and our hardware team can design Expansion or Interface Boards to suit almost any requirement.

Mechanical Specifications

- Dimensions: 5.55"L x 3.79"W x 1.25"H
- Weight: 270g
- Four 4 backside mounting holes for wall mount applications
- Temperature Range: -10 to +70 degrees C

Ordering Information

Kit Contents:
- uEZ GUI 4.3" Board Assembly with LPC1788
- Sharp 4.3" WQVGA Touch Screen LCD
- uEZ GUI Expansion Board with ETH/USB/Serial
- Black ABS Plastic Enclosure, customization available

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

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

RoHS

FDI Future Designs, Inc.
Your Development Partner

AMEYA360
Components Supply Platform

Authorized Distribution Brand :

ROHM   Sunlord   SSM SUSUMU   AVERLOGIC   NXP   Elprotronic

2Pai Semi   Ambarella   CanaanTek   Firstohm   GigaDevice   Vanguard Semiconductor

Website :

Welcome to visit   www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct   +86 (21) 6401-6692

Email   amall@ameya360.com

QQ   800077892

Skype   ameyasales1 ameyasales2

➤ Customer Service :

Email   service@ameya360.com

➤ Partnership :

Tel   +86 (21) 64016692-8333

Email   mkt@ameya360.com