



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Instant GUI 3.5" Touch Screen LCD Kit

uEZGUI-RX62N-35QT
for Renesas RX600 Family



Highlights

Features

- Tianma 3.5" TFT QVGA Touch Screen LCD (320x240)
- Renesas RX621/RX62N CPU with up to 512KB internal Flash
- USB Device Mini-B for power and PC communications
- 2MB SDRAM
- 2GB microSD Memory Card
- On-board Speaker
- Mini-JTAG Debug Connector
- Actual Size: 3.1" x 3.05" x 0.54"
- External Expansion via 50-pin I/O Connector
 - Serial Ports, UART, I2C, SPI, USB Host/Device



Software

- uEZ[®] / FreeRTOS Rapid Development Platform
- MicroSD card maps as USB Flash Drive to the PC
- Renesas HEW Compiler and Tool Suite
- Segger J-Link Lite JTAG for programming and debug
- MIDI Player



FDI *Future Designs, Inc.*
Your Development Partner



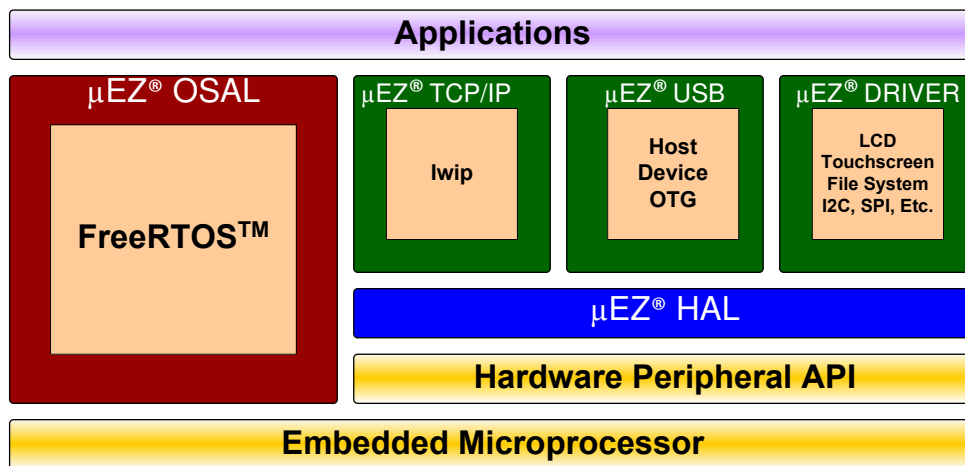
The **uEZGUI-RX62N-35QT** includes a 96MHz Renesas RX621 or RX62N microcontroller running the open source μ EZ[®] + FreeRTOS software platform. The RX62N has 512KB of internal Flash memory, 96KB of internal SRAM, a 10/100 Ethernet Media Access Controller (MAC), a USB full speed device/host/OTG controller, up to six UARTs, one CAN channels and a collection of serial communications interfaces.

Software Included

μ EZ[®] (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. μ EZ[®] 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 μ EZ[®] components comprise three primary categories to simplify embedded application development:

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



The **uEZGUI-RX62N-35QT** 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 for stand-alone use (for example, the **uEZGUI-RX62N-35QT-BA** FDI also offers low cost customization services for customer specific hardware, software or packaging applications at volumes of 500 units or more.

Ordering Information

Part Number: **uEZGUI-RX62N-35QT**

Kit Contents:

- μ EZ[®] GUI 3.5” Board with RX62N
- Tianma 3.5” QVGA Touch Screen LCD
- USB Device cable for Power and PC communications
- Mini JTAG Debugger with cables

Warranty: 30-day money back guarantee
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