

Features

- High performance, Low power PIC 16-bit microprocessor
- Built-in 64KB ISP Flash memory / 8KB SRAM
- On board updateable 64KB EEPROM (128KB option)
- 1 x RS485 / 422 / 232, 1 x RS232
- Current consumption 180mA
- On-chip power-on reset (POR) and programmable watchdog reset
- 128 x 64 monochrome STN LCD
- Comprehensive set of development tools and application notes for self programming
- RS485 / 422 / 232 driver, I²C EEPROM driver, touch panel driver, LCM driver and utility are supported
- Dimension (W x H x D): 93 x 70 x 15mm

Hardware Specifications

Processor

- Microchop PIC24FJ64GA002 16-bit microprocessor

Memory

- 64KB in-system programmable flash
- 8KB internal SRAM
- 64KB x 1 external I²C CMOS EEPROM (option: 64KBx2)

Display Interface

- Support I²C 128 x 64 monochrome STN LCD (edge LED white backlight)

RS232 / 422 / 485 Port

- Support dual serial port, one is three-wired RS232, another is shared in among RS232/422/485 port by option

Touch Panel Interface

- Support four-wired resistive touch panel interface

Software Utilities

- Support RS232 / 422 / 485 driver, I²C EEPROM driver, touch panel driver, and LCM driver for free

DC Requirement

- DC4.5V~5.5V