

4.3" SLCD43 Resistive, Vertical Mount

Part Number: 51-0105-02

This module makes integration easy. Each unit comes with an LCD, controller board, backlight driver, and touch screen, integrated and ready to go. The module form factor is designed to ensure long-term product availability. Powered by the SLCD43 controller it features:

- One RS232 and two 3.3V CMOS serial ports, plus a USB device port.
- 16/32 bit CISC Processor. 4MB of flash memory for user downloadable bitmaps with RLE compression. Audio beeper.
- Can be powered by USB connection.
- Ultra compact units combine a multi-function processor board and a 4.3-inch WQVGA (480 x 272) TFT color touch LCD.
- Competitive pricing for a popular display size (used by portable gaming systems, GPS navigation, and other hand-held devices).
- Good for handheld applications. Light, slim, and thin. Suitable for battery operation.
- Designed for long-term availability with a 10+ year processor life and a multi-sourced, industry standard LCD form factor.

Download mechanical drawings, panel specifications, controller and software reference manuals, and more at reachtech.com/products/touchscreen-display-modules/4-3-modules/51-0105-02/.

Start with a Development Kit

Order Part Number [52-0106-02](http://reachtech.com/products/development-kits/52-0106-02/) which includes module, cables, sample images, sample code, power supply, and technical support. Call 503-675-6464, or email sales@reachtech.com for more information or to order.



SLCD43 Controller

- CPU: 16/32 bit CISC Processor
- Storage Capacity: 4MB of Flash Memory for user downloadable bitmaps with RLE compression.
- I/O Interface: One RS232 and two 3.3V CMOS serial ports, plus a USB device port.
- Audio: Beeper

LCD Display

- Display Type: 4.3" Diagonal TFT Color LCD
- Resolution: 480 x 272 WQVGA, 16-bit Color
- Orientation: Landscape, Portrait
- Luminance (with touch): Typical 400 (cd/m²)
- Viewing Angles: 70/70 left/right, 50/70 up/down
- Backlight: LED
- Manufacturer: Innolux

Touchscreen

- Type: 4-Wire Analog Resistive
- Durability: Over One Million Touches

Dimensions

- 4.16" W x 3.04" H x .423" D

Environmental/Regulatory

- Operating Temperature: -20 to 70° C; the LCD temperature range primarily limits this.
- Storage Temperature: -30 to 80° C
- Humidity: Max 90%RH at 60° C; No Condensation
- RoHS 2 Compliant: Yes

Power Requirements

- Power Supply Voltage: +5VDC±10%
- Power Consumption: Max 400mA

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