4.3" High Brightness Horizontal Mount Module

This module makes integration and mounting 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. The 4.3-inch high brightness unit features:

- 800 cd/m2 brightness.

- Competitive pricing for a popular LCD size (used by top portable gaming systems, GPS navigation, and other hand-held devices).

- Good for hand held applications.

- Light, slim, and thin (LED backlight).

- Suitable for battery operation.

- Can be powered by USB connection.

- Comes with resistive touch screen.

- One RS232 serial port, two 3.3V CMOS serial ports, plus a USB device port.

- LCD conforms to industry standard form factor specifically chosen for multi-sourced long lifetime availability.

- Powered by the SLCD43H controller.

Download mechanical drawings, panel specifications, controller and software reference manuals, and other resources in the Reach Download Center (www.reachtech.com/support/downloads/).

Get Started with a Development Kit

To get started with a 4.3" development kit order product number 52-0107-1X which includes module, cables, sample images, sample code, power supply, and technical support.

Visit our, "How can I get started?" webpage, call 510-770-1417 or email to sales@reachtech.com for more information or to place an order.

Reach Technology, Inc. reserves the right to make changes in design or specification at any time and without notice.

4.3-inch High Brightness Horizontal Mount Module

Product Specifications

Product Part Number	51-0106-2X
Reach Board Model	SLCD43H
Display Manufacturer	SGD
Display Size and Type	4.3" TFT
Colors	65,536
Display Viewing Area (mm)	53.856 (H) x 95.0 (W)
Horizontal Viewing Angle (degrees)	130 (typ.)
Vertical Viewing Angle (degrees)	50 (Top) 60 (Bottom) (typ.)
Screen Resolution	480x272
Screen Type	WQVGA
Display Brightness (cd/m2)	800 (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-20°C to 70°C
Storage Temperature	-30°C to 80°C
Supply Voltage	5VDC±10%
Power Requirement	450mA max.
Interface Connector	Molex 53261 series
Serial Interface	RS232 / 3.3V CMOS
Backlight Display	LED
Number of Serial Ports	3
USB Port	Yes
SD Card Slot	No
Microprocessor	16/32 bit CISC
Flash Memory	4MB
RoHS	Yes