REACH
TECHNOLOGY INC.

7-inch Standard Display Module

Modules make integration easy. Each unit comes with an LCD, controller board, backlight driver, and touch screen, integrated and ready to go. The 7-inch SGD display module features:

- Wide viewing angle TFT panel.

- Designed especially for medical and industrial equipment.

- Available with or without resistive touch.

- SD memory card slot for added flexibility.

- Incorporates SGD industrial panel designed for applications that demand long availability.

- Steel mounting bracket makes display easy to mount.

- Powered by the SLCD5 controller.

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

Get Started with a Development Kit

To get started with a 7-inch development kit: order product number 52-0102-1X 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 extension 1, or send 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.

7-inch Standard SGD Module, front view

Product Specifications

Product Part Number	51-0102-2X
Reach Board Model	SLCD5
Display Manufacturer	SGD
Display Size and Type	7" TFT
Colors	65,536
Display Viewing Area (mm)	152.4(H) x 91.44 (W)
Horizontal Viewing Angle (degrees)	130 (typ.)
Vertical Viewing Angle (degrees)	55 (Top) 65 (Bottom) (typ.)
Screen Resolution	800x480
Screen Type	WVGA
Display Brightness (cd/m2)	400 (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	900mA max.
Interface Connector	Molex 53261 series
Serial Interface	RS232 / 3.3V CMOS
Backlight Display	LED
Number of Serial Ports	2
USB Port	No
SD Card Slot	Yes
Microprocessor	200 MHz ARM
User Flash Memory	4MB/11MB (SD card)
RoHS	Yes