

## 5.7" SLCD6 QVGA

Part Number: 51-0101-41

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 SLCD6 controller it features:

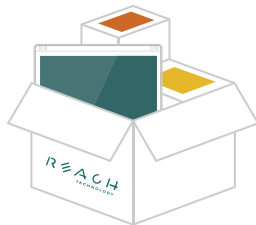
- Two RS232 and one 3.3V CMOS serial ports, plus a USB device port for additional flexibility.
- 16/32 bit CISC Processor. 4MB of flash memory for user downloadable bitmaps with RLE compression. Audio beeper.
- An industrial panel with resistive touchscreen.
- Designed for long-term availability with 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/5-7-modules/51-0101-41/](http://reachtech.com/products/touchscreen-display-modules/5-7-modules/51-0101-41/).

### Start with a Development Kit

Development Kits include everything you need to create a prototype quickly. When you are ready, move smoothly into production with off-the-shelf display modules that offer 5-7 years availability as a minimum.

Order Part Number [52-0101-41](http://reachtech.com/products/touchscreen-display-modules/5-7-modules/52-0101-41/) which includes module, cables, sample images, sample code, power supply, and technical support. Call 503-675-6464, or email [sales@reachtech.com](mailto:sales@reachtech.com) for more information or to order.



### SLCD6 Controller

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

### LCD Display

- Display Type: 5.7" Diagonal TFT Color LCD
- Resolution: 320 x 240 QVGA, 16-bit Color
- Orientation: Landscape, Portrait
- Luminance (with touch): Typical 560 (cd/m<sup>2</sup>)
- Viewing Angles: 60/60 left/right, 60/50 up/down
- Backlight: LED
- Manufacturer: Interactive Display Solutions

### Touchscreen

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

### Dimensions

- 6.325" W x 4.12" H x 1.06" D

### Environmental/Regulatory

- Operating Temperature: -20 to 70° C; the LCD temperature range primarily limits this.
- Storage Temperature: -40 to 85° C
- Humidity: Max 90%RH at 60° C; No Condensation
- RoHS 2 Compliant: Yes

### Power Requirements

- Power Supply Voltage: +5VDC±10%
- Power Consumption: Max 850mA

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