

## 4" LG Philips Display Module

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.

The 4-inch LG Philips unit features:

- TFT panel with CCFL backlighting
- Available with or without touch
- Powered by the SLCD6 controller



### Get Started with a Development Kit

To get started with a 4.3" development kit order product number 52-0101-0X 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 [sales@reachtech.com](mailto:sales@reachtech.com) for more information or to order.

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



4-inch LG Phillips Display Module front view

### Product Specifications

<b>Product Part Number</b>	51-0101-0X
<b>Reach Board Model</b>	SLCD6
<b>Display Manufacturer</b>	LG Philips
<b>Display Size and Type</b>	4" TFT
<b>Colors</b>	256/65,536
<b>Display Viewing Area (mm)</b>	61.2 (H) x 81.6 (W)
<b>Horizontal Viewing Angle (degrees)</b>	130 (typ.)
<b>Vertical Viewing Angle (degrees)</b>	50 (Top) 65 (Bottom) (typ.)
<b>Screen Resolution</b>	320x240
<b>Screen Type</b>	QVGA
<b>Display Brightness (cd/m2)</b>	350 (typ.), with touch
<b>Touch Panel Type</b>	Resistive
<b>Operating Temperature</b>	-20°C to 70°C
<b>Storage Temperature</b>	-40°C to 85°C
<b>Supply Voltage</b>	5VDC±10%
<b>Power Requirement</b>	1100mA max.
<b>Interface Connector</b>	Molex 53261 series
<b>Serial Interface</b>	RS232 / 3.3V CMOS
<b>Backlight Display</b>	CCFL
<b>Number of Serial Ports</b>	3
<b>USB Port</b>	Yes
<b>SD Card Slot</b>	No
<b>Microprocessor</b>	16/32 bit CISC
<b>Flash Memory</b>	4MB
<b>RoHS</b>	Yes