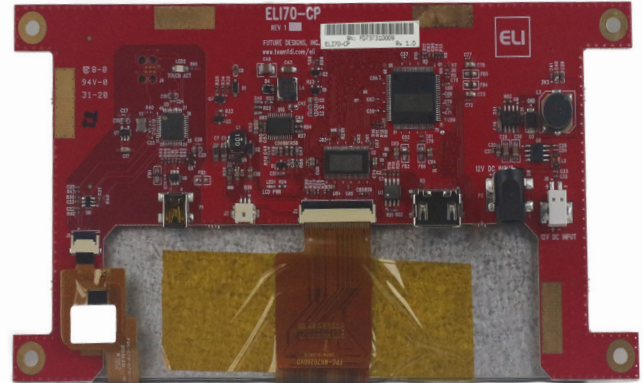


# FDI

# ELI

TM

## 7.0" Capacitive Touchscreen LCD Module for SBCs



Compatible  
With:



## ELI70-CP

- **Cost-Effective Commercial Version**
- **7.0" WSVGA LCD Panel with LED Backlight**
- **1024 x 600 (WSVGA) with 800:1 Contrast Ratio**
- **Projected Capacitance Touchscreen**

## Features

- Projected Capacitive Touchscreen with USB Device Interface
- Plug and Play interface to standard SBCs
- HDMI Input
- +5 to +24 Input Voltage ( $\pm 5\%$  tolerance)
- 380 nits Brightness
- 800:1 Contrast Ratio
- EDID Support for Automatic Screen Sizing
- $-20^{\circ}$  to  $+70^{\circ}$  C Operating Temperature Range
- Scratch Resistant 0.7mm Steel Glass
- Franchised Distribution Stocking
- Part Number: ELI70-CP

Available



AVNET



## Specifications

- Screen Size: 7.0 inches (diagonal)
- Display Technology: a-Si TFT Active Matrix LCD
- Resolution: 1024 x 600 (WSVGA)
- Brightness: 380 nits (typ)
- Contrast Ratio: 800 : 1 (typ)
- Aspect Ratio: Wide 16:9
- Interface Input Mode: HDMI
- Colors: 16.7M (24 bit)
- Horizontal Viewing Angle:  $80^{\circ}/80^{\circ}$
- Vertical Viewing Angle:  $60^{\circ}$  U /  $70^{\circ}$  D
- Surface: 0.7mm Steel Glass Cover
- Touchscreen: Projected Capacitive (PCAP)
- Touchscreen Interface: USB Device
- Touch Panel Hardness:  $>6H$
- Touch Panel Force: 120gF (max)
- Active Area: 154.21 (W) x 85.92 (H) mm
- Response Time: 30ms (typ)
- Backlight: 27 LED (3S x 9P)
- Backlight Life: 30K hours (typ)
- Operating Temperature:  $-20^{\circ}$  to  $70^{\circ}$  C
- Storage Temperature:  $-30^{\circ}$  to  $80^{\circ}$  C
- Input Voltage: +5.0 to +24.0 VDC ( $\pm 5\%$  tolerance)
- Current Consumption mA typ/max: 750/1250 @ 5V
- Power Consumption mW typ/max: 3750/6250
- USB Device Current Consumption mA Typ/Max: 50/100
- Backlight Power Consumption up to 57% of Total
- RoHS Compliant: Yes
- Dimensions: 193.04 (W) x 100.97 (H) x 18.55 (D) mm
- Mounting: #8 screw mounts in 4 corners
- Weight: 250 grams



[www.teamfdi.com](http://www.teamfdi.com)  
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