



**FLAT DISPLAY TECHNOLOGY**



This product is RoHS compliant

## § BRIEF SPECIFICATION §

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FDT Tech Module No: **LOF150X35x-00R**

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Description: **15" Digital TFT-LCD Module**

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SPEC No.: **SAS-1404006**

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Version: **0.0**

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Issue Date: **May 5, 2014**

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※ This specification contains 5 pages including the cover and appendix.



## Features

- 15" (1024x768) Digital TFT LCD
- Aspect Ratio: 4:3
- Input Signal VGA / DVI-D/ HDMI 1.3a
- Maximum Support Resolution 1920x1080
- Stereo Audio Amplifier, Output 2W@4Ω Speaker
- Audio Line-In / Line-Out (Optional)
- 5 Wires Resistive Touch Panel
- 5 Key Buttons Control
- UART / RS232 Serial Remote Control (Optional)
- 8 Language OSD Menu
- Light Sensor (Optional)
- LED Backlight
- Single Operation Voltage +12V

## Applications

- Industrial
- Medical Environment
- Instrument Display
- Kiosk
- Security
- Signage
- Office Electronics
- Home Application
- Educate Application



## Specifications

LCD	
Panel Size	15"
Resolution (Pixels)	1024x768
Color	16.7M
Luminance w/o RTP	400 cd/m <sup>2</sup>
Luminance (RTP)	320 cd/m <sup>2</sup>
Luminance (PCT)	335 cd/m <sup>2</sup>
Contrast Ratio	700
Viewing Angle	80 / 80 / 70 / 70
Backlight Life Time (LED)	50K (Min)
Power Requirement	
Power Input (DC Jack 2.1 φ)	+12 Vdc
PowerConsumption@+12V	10.2 Watts (@Without Amplifier)
Touch Screen	
Resistive Type	USB / RS232 Interface
Resistive Type Support OS	Windows / Linux / DOS / Mac / QNX
Projected Capacitive Touch	USB Interface ( 2 Points )
Projected Capacitive Touch Support OS	Windows / Android / Linux

Input Signal	
VGA	D-Sub15
DVI	DVI-D
HDMI	1.3a
Audio	
Amplifier	1W@8Ω / 2W@4Ω
Line-In	Stereo Input Phone Jack φ 3.5
Controls	
Key	5 Buttons
Serial Remote Control	UART / RS232 (Optional)
Environment	
Operating Temp. w/o RTP	-20 ~ +70°C
Storage Temp. w/o RTP	-40 ~ +85°C
Operating Temp. 5W RTP	-10 ~ +70°C
Storage Temp. 5W RTP	-30 ~ +70°C
Operating Temp. PCT	-20 ~ +70°C
Storage Temp. PCT	-20 ~ +70°C

## Order Information

Parameter	LOF150X350-00R	LOF150X35U-00R	LOF150X35R-00R
VGA	⊙	⊙	⊙
DVI	⊙	⊙	⊙
HDMI	⊙	⊙	⊙
Touch Panel Type	-	5W Resistive	5W Resistive
Touch Screen Interface	-	USB	RS232
Audio Amplifier	⊙	⊙	⊙
Audio Line-In	⊙	⊙	⊙
5 Keys	⊙	⊙	⊙
UART Remote Control	⊙	⊙	⊙

Option Function	
Parameter	<ul style="list-style-type: none"> <li>- Audio Line-Out</li> <li>- RS232 Remote Control</li> <li>- Light Sensor</li> <li>- Accessories (Option)</li> </ul>



## Accessories (Option)

Before you begin installing the KIT, please make sure that the following materials have been shipped:



A. LASTD12033-FDR



B. LAACD18000-FDR



C. LACABLE068-FDR



D. LACABLE069-FDR



E. LAVGA16000-FDR



F. LAUSB18000-FDR



G. LACABLE045-FDR



H. LACABLE070-FDR



I. LAVCD00002-FDR



J. LASPKR0004-FDR

- A. AC to DC Adapter (L:1500mm, 100-240V<sub>AC</sub> 50-60Hz to +12V<sub>DC</sub> @ 3.3A,  $\phi$  2.1)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:2000mm)
- D. DVI Cable (L:1800mm)
- E. VGA Cable (L:1600mm)
- F. USB Cable (L:1800mm)
- G. RS-232 Cable (L:1800mm, Null Modem)
- H. AUDIO Cable (L:1800mm)
- I. Touch Screen Driver CD Disk / User Manual
- J. Speaker (2.5W @ 4 $\Omega$  L:400mm \*2 Pieces)

