



FLAT DISPLAY TECHNOLOGY



This product is RoHS compliant

§ BRIEF SPECIFICATION §

FDT Tech Module No: **LP101G0BDx-FNR**

Description: **10.1" Digital TFT- LCD Module**

SPEC No.: **SAS-1703003**

Version: **1.0**

Issue Date: **February 14, 2020**

This specification contains 5 pages including the cover and appendix.



Resistive Touch Panel



Projected Capacitive Touch

Features

- 10.1" (1280x800) Digital TFT LCD
- Aspect Ratio: 16:10
- Input Signal VGA / HDMI 1.3a
- Maximum Support Resolution 1920x1080
- Headphone Driver, 46mW@32Ω
- Projected Capacitive Touch
- 5 Key Buttons Controls
- 8 Language OSD Menu
- 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	10.1"
Resolution (Pixels)	1280x800
Color	16.2M
Luminance without RTP	300 cd/m ²
Luminance (RTP)	234cd/m ²
Luminance (PCAP)	255 cd/m ²
Contrast Ratio	800
View Angle	85(L) / 85(R) / 85(T) / 85(B)
LED Life Time	20K (Min)
Power Requirement	
Power Input (DC Jack 2.1 ϕ)	+12 V _{DC}
Power Consumption	6.16W (@Without Headphone Driver)
Touch Screen	
Resistive / PCAP Type	USB Interface
Resistive Type Support OS	Windows / Linux / Mac / QNX
Projected Capacitive Touch Support OS	Windows / Linux

Input Signal				
VGA	D-Sub15			
HDMI	1.3a			
Audio				
Headphone Driver (Line In & out)	46mW@32Ω Phone Jack ϕ 3.5			
Controls				
Key	5 Buttons			
Serial Remote Control	UART / RS232 (Option)			
Environment				
	Without RTP	4W RTP	PCAP	
Temperature Range	Operating	0 ~ +50℃	0 ~ +50℃	0 ~ +50℃
	Storage	-20 ~ +60℃	-20 ~ +60℃	-20 ~ +60℃
High Temperature & High Humidity (Non-condensing)	Operating	+40℃ / 90%	+40℃ / 90%	+40℃ / 90%

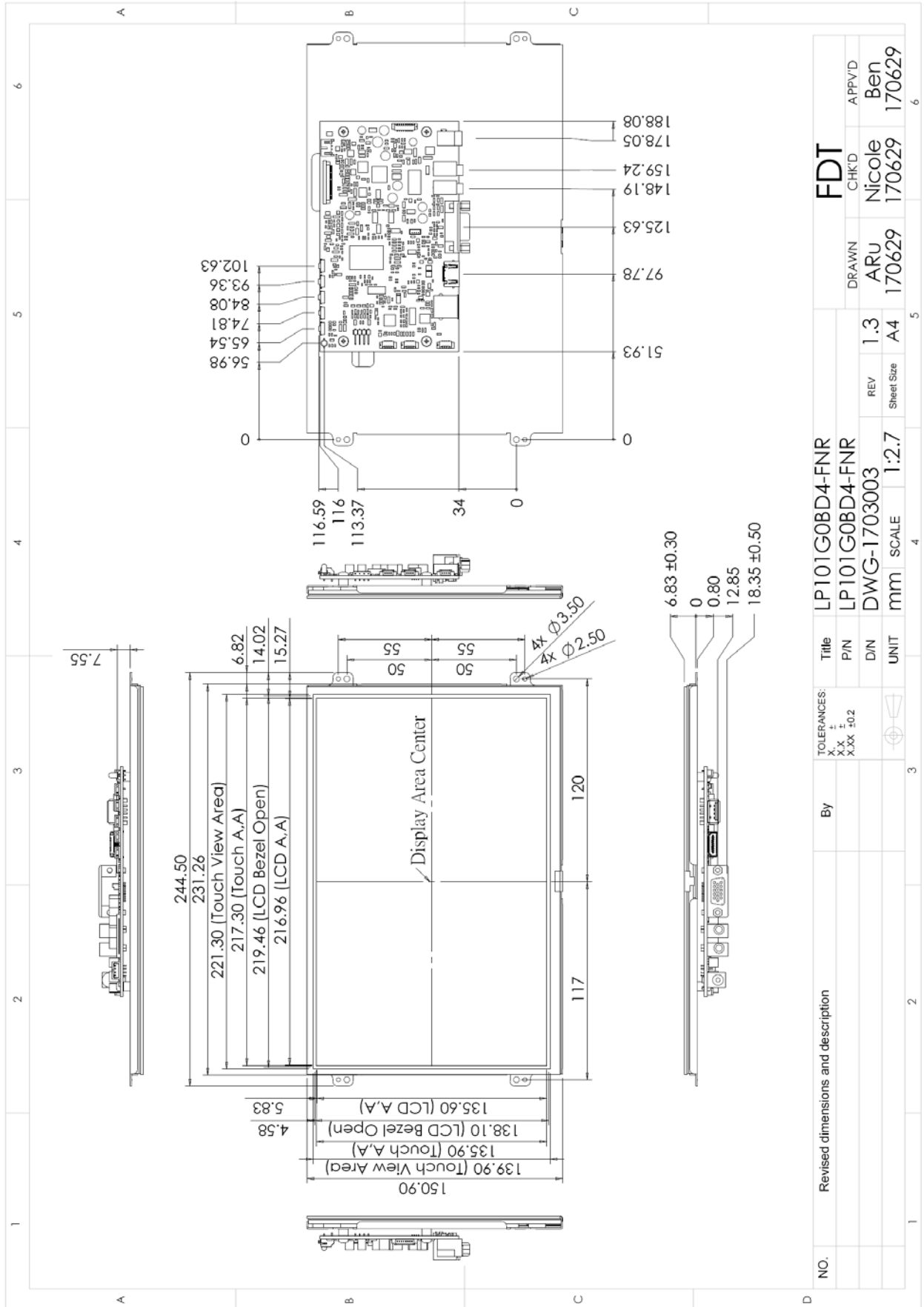
Order Information

Item	LP101G0BD0-FNR	LP101G0BD4-FNR	LP101G0BDP-FNR
VGA	⊙	⊙	⊙
HDMI	⊙	⊙	⊙
Touch Panel Type	-	4W Resistive	Projected Capacitive Touch
Touch Screen Interface	-	USB	USB
Headphone Driver (Line In & out)	⊙	⊙	⊙
5 Keys	⊙	⊙	⊙
UART Remote Control	⊙	⊙	⊙
Condition	Standard	Standard	Standard

Item	Condition
RS232 Remote Control	Customized
External Key	

Note: Special order condition will apply to non-standard items and pls. contact salespersons in FDT.

Dimension



NO.	Revised dimensions and description	By	Title	FDT		
			LP101G0BD4-FNR	CHKD	APPVD	
			LP101G0BD4-FNR	ARU	Nicole	Ben
			DWG-1703003	170629	170629	170629
			REV	1.3	Sheet Size	A4
			SCALE	1:2.7		

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. LAVGA18000-FDR



E. LAUSB18000-FDR



F. LACABLE070-FDR



G. LAVCD00002-FDR

- A. AC to DC Adapter (L:1500mm,100-240V_{AC} 50-60Hz to +12V_{DC} @ 3.3A, ϕ 2.1)
- B. Power Cord (L:1800mm, Plug Type B for USA)
- C. HDMI Cable (L:1800mm)
- D. VGA Cable (L:1800mm)
- E. USB Cable (L:1800mm)
- F. AUDIO Cable (L:1800mm)
- G. Touch Screen Driver CD Disk / User Manual