SPECIFICATION

MODULE NO.: WF70-800480B6L#0SPW0-FC

General Specifications

Item	Dimension	Unit
Size	7.0	inch
Dot Matrix	800 x RGB x 480(TFT)	dots
Module dimension	169.8 (W) x 109.7 (H) x 10.0 (D)	mm
Active area	152.40 x 91.44	mm
Pixel pitch	0.1905 x 0.1905	mm
LCD type	TFT, Normally Black, Transmissive	
View Direction	80/80/80/80	
TFT Interface	LVDS	
TFT Driver IC	HX8249-A + HX8678-C or Equivalent	
Aspect Ratio	15:9	
Backlight Type	LED, Normally White	
Touch Panel	Without Touch Panel	
Surface	Anti-Glare	

*Color tone slight changed by temperature and driving voltage.

Represented by:
first FC components
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Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-30	–	+80	℃
Storage Temperature	TST	-30	–	+80	℃

Electrical Characteristics

Operating conditions

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	2.7	3.3	3.6	V
Current of power supply	IDD	–	133	200	mA

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Interface

1. LCM PIN Definition(CN1)

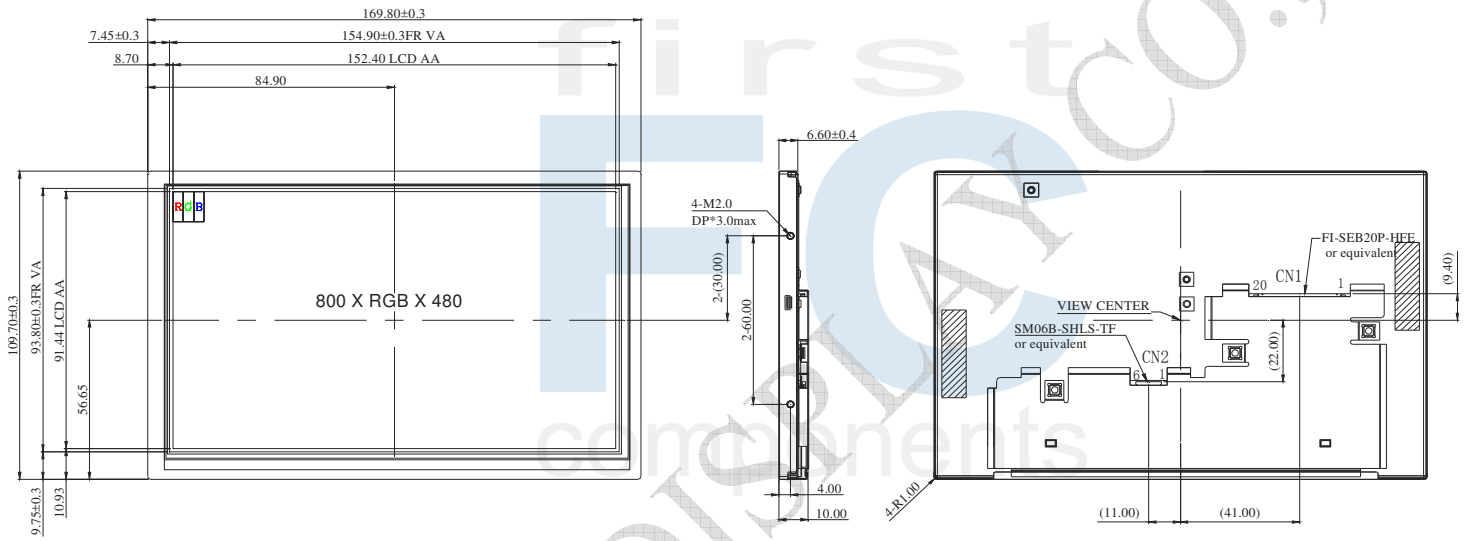
Pin	Symbol	Function
1	VDD	Power voltage
2	VDD	Power voltage
3	GND(DISP)	Power Ground
4	GND	Power Ground
5	LINK0-	Input pins without termination resistor for LVDS mode. Keep these pins floating or connect to VSS1 if not used.
6	LINK0+	
7	NC	No connection
8	LINK1-	Input pins without termination resistor for LVDS mode. Keep these pins floating or connect to VSS1 if not used.
9	LINK1+	
10	NC	No connection
11	LINK2-	Input pins without termination resistor for LVDS mode. Keep these pins floating or connect to VSS1 if not used.
12	LINK2+	
13	NC	No connection
14	CLKIN-	Input pins without termination resistor for LVDS mode. Keep these pins floating or connect to VSS1 if not used.
15	CLKIN	
16	NC	No connection
17	LINK3-	Input pins without termination resistor for LVDS mode. Keep these pins floating or connect to VSS1 if not used.
18	LINK3+	
19	MODE	Input data format selection. Effective when FCS=1. MODE / Function / Note: 1 / 8-bit / Default; 0 / 6-bit / -
20	SC	RL & TB Selection 1: Left to Right, Top to Bottom. (Default) 0: Right to Left, Bottom to Left.

2. Backlight PIN Definition(CN2)

Pin	Symbol	Description
1-2	NC	No connection
3	VLED1-	VLED1_ Cathode
4	VLED1+	VLED1_ Anode
5	VLED2-	VLED2_ Cathode
6	VLED2+	VLED2_ Anode

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Contour Drawing



CN1

PIN NO.	SYMBOL
1	VDD
2	VDD
3	GND (DISP)
4	GND
5	LINK0-
6	LINK0+
7	GND
8	LINK1-
9	LINK1+
10	GND
11	LINK2-
12	LINK2+
13	GND
14	CLKIN-
15	CLKIN+
16	GND
17	LINK3-
18	LINK3+
19	MODE
20	SC

CN2

PIN NO.	SYMBOL
1	NC
2	NC
3	VLED1−
4	VLED1+
5	VLED2+
6	VLED2−

The non-specified tolerance of dimension is ±0.5 mm .

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