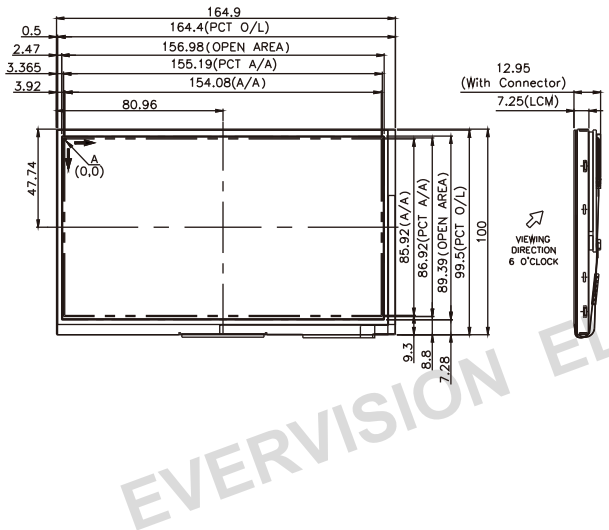
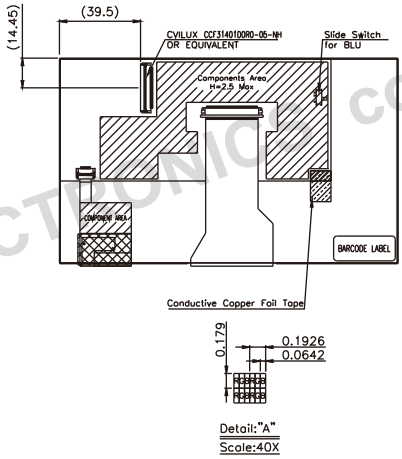
EVERVISION

VGG804836-C-FC

first FC components





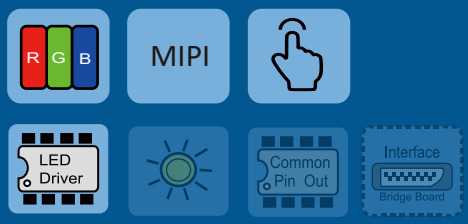
Pin No.	Symbol
31	GND
32	VDD
33	/RST
34	/INT
35	SDA
36	SCL
37	N.C.
38	N.C.
39	N.C.
40	GND

Pin No.	Symbol
1	VCC
2	VCC
3	VCC
4	N.C.
5	N.C.
6	N.C.
7	GND
8	MDA0-
9	MDA0+
10	GND
11	MDA1-
12	MDA1+
13	GND
14	MCLK-
15	MCLK+
16	GND
17	N.C.
18	N.C.
19	GND
20	N.C.
21	N.C.
22	GND
23	GND
24	GND
25	BLEN
26	VBLIN
27	VBLIN
28	VBLIN
29	VBLIN
30	GND

EVERVISION ELECTRONICS CO. LTD

Feature

1. 7.0 inches Color IPS TFT
2. View Direction：Full view angle
3. Interface：MIPI
4. Luminance：350 nits (Typ.)
5. Touch Panel：Capacitive(I2C)
6. Top -20~70°C；Tst -30~80°C



Mechanical Data

Item	Specifications	Unit
Outline Dimension	164.9 x 100.0 x 12.95	mm
Display Format	800RGB x 480	dot
Active Area	154.08 x 85.92	mm
Pixel Pitch	0.1926 x 0.1790	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3.0	3.3	3.6	V
Supply Current	ICC	-	128	179.2	mA

Electrical Characteristics (T/P Driving conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	3.0	3.3	3.6	V
Supply Current	IDD	-	20.5	28.7	mA

Electrical Characteristics (Backlight driving conditions)

Item	Symbol	Min	Typ	Max	Unit	Note
Backlight Driver Power Supply	VBLIN	3.1	-	12.5	V	-
Backlight Driver Current	IBL	-	790	1106	mA	VBLIN=3.3V
Backlight Driver Current	IBL	-	480	672	mA	VBLIN=5.0V
Backlight Driver Current	IBL	-	200	280	mA	VBLIN=12.0V