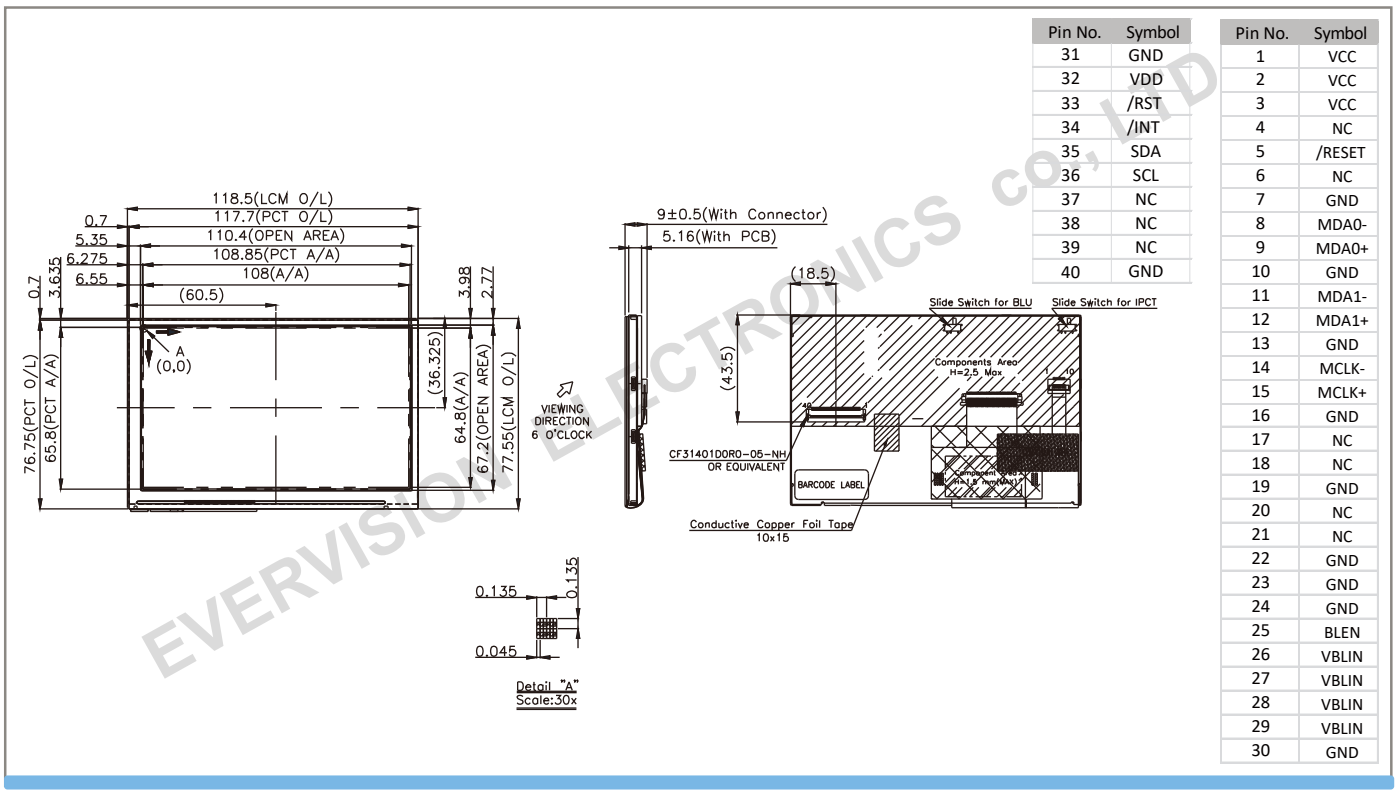
EVERVISION

VGG804835-D-FC



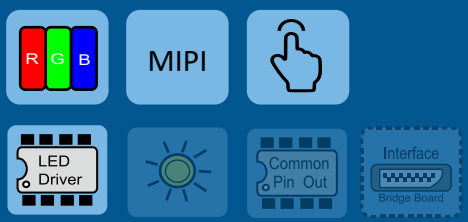
Pin No.	Symbol
31	GND
32	VDD
33	/RST
34	/INT
35	SDA
36	SCL
37	NC
38	NC
39	NC
40	GND

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

EVERVISION ELECTRONICS CO., LTD

Feature

1. 5.0 inches Color TFT
2. View Direction：6 o'clock
3. Interface：MIPI
4. Luminance：440 nits (Typ.)
5. Touch Panel：Capacitive(I2C)
6. Top -20~70°C；Tst -30~80°C



Mechanical Data

Item	Specifications	Unit
Outline Dimension	118.5 x 77.55 x 9.0	mm
Display Format	800RGB x 480	dot
Active Area	108.0 x 64.8	mm
Pixel Pitch	0.135 x 0.135	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VCC	3.0	3.3	3.6	V
Supply Current	ICC	-	205	287	mA

Electrical Characteristics (T/P driving conditions)

Item	Symbol	Min	Typ	Max	Unit
T/P Voltage	VDD	3.0	3.3	3.6	V
T/P Current	IDD	-	15.5	21.7	mA

Electrical Characteristics (LED driving conditions)

Item	Symbol	Min	Typ	Max	Unit	Note
Backlight Driver Power Supply	VBLIN	3.1	-	12.5	V	-
Backlight Driver Current	I_{BL}	-	470	658	mA	VBLIN=3.3V
		-	250	350	mA	VBLIN=5.0V
		-	110	154	mA	VBLIN=12.0V