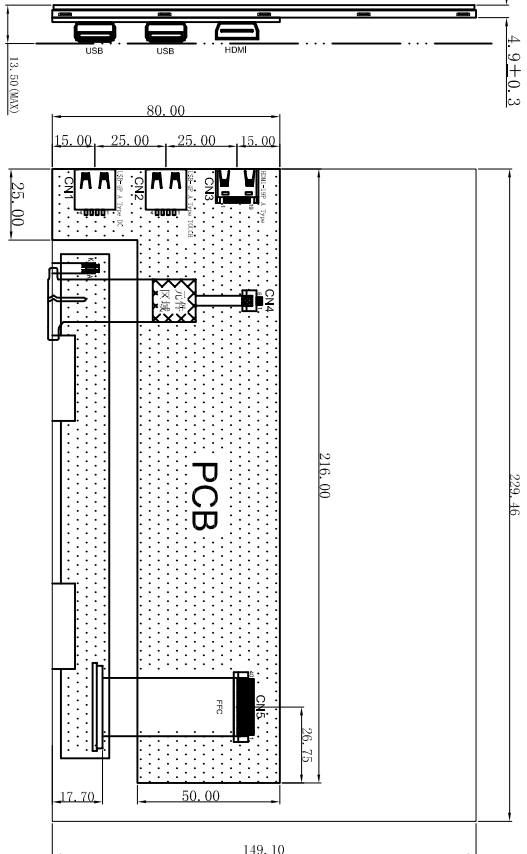
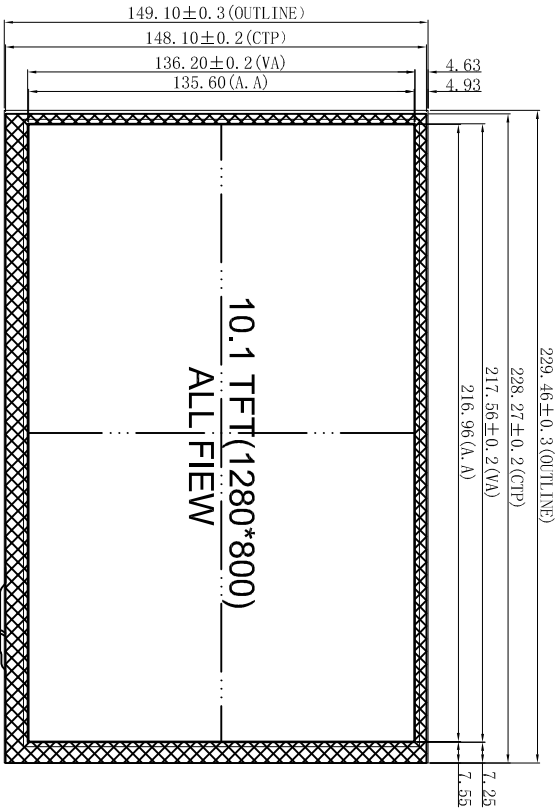


REV	DESCRIPTION:	BY	DATE
A0	First Design	JSW	2018-5-23



CN1 (DC POWER)

1	+5V
2	NC
3	NC
4	GND

CN2 (CTP-USB)

1	VBUS(+5V)
2	USB-D-
3	USB-D+
4	GND

CN3 (HDMI)

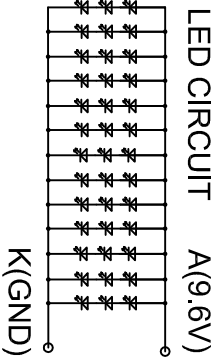
1	RX-D2+
2	GND
3	RX-D2-
4	RX-D1+
5	GND
6	RX-D1-
7	RX-D0+
8	GND
9	RX-D0-
10	RX-DCLK+
11	GND
12	RX-DCLK-
13	CEC
14	NC
15	SCL
16	SDA
17	GND
18	+5V
19	HOT-DET

CN5 (LCD)

NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	VCOM	VDD	VDD	NC	NC	NC	GND	RXIN0-	RXIN0+	GND	RXIN1-	RXIN1+	GND	RXIN2-
NO.	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NAME	RXIN2+	GND	RXIN1-	RXIN1+	GND	RXIN3-	RXIN3+	GND	NC	NC	GND	NC	NC	NC
NO.	29	30	31	32	33	34	35	36	37	38	39	40		
NAME	AVDD	GND	LED-	LED-	NC	NC	VGL	NC	NC	VGH	LED+	LED+		

CN4 (CTP-IN)

1	RST
2	VDD
3	GND
4	INT
5	SDA
6	SCL



No.	Item	Specification	Unit
1	LCM Design	10.1TFT+CTP+PCBA	-
2	Number of Pixels	1280(W)x3(RGB)x800(H)	pixels
3	Active Area	216.96(H)x135.60(V)	mm
4	Outline Dimension	229.46(W)x149.10(H)x13.50(T)	mm
5	Display Mode	IPS	-
6	Viewing Direction	ALL VIEW	-
7	Display Color	16.7M	-
8	Contrast Ratio	500(TYPE)	-
9	Backlight	White LED(6*6)	-
10	Luminance(cd/m2)	300(MIN)	cd/m2
11	Operation Temp.	-20~70 °C	°C
12	Operation Current	950 mA @ 5.0V	mA
13	Interface	HDMI Video and USB Touch	-
14	Download Port	NC	-
15	External Interface	VDD(5.0V) Power Input	-

CTP Technical data:

1. Structure: Lens + ITO Glass + FPC+ Adhesive.
2. IC: GT9271, 5-point touch, P+G
3. Operating: 2.8V~3.3V
4. Transmittance: ≥85%
5. Operating Temp: -20°C~+70°C, ≤90%RH
6. Storage Temp: -30°C~+80°C, ≤90%RH
7. Unspecified Tolerance: ±0.2mm.

UNLESS OTHERWISE NOTED:

DRAWING TYPE:	HDMI	REV:	A0
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DRAWING No.:	FVD101A1A40BH1-C01
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CHECKED BY: DATE:

THIRD ANGLE PROJECTION

UNITS	MM	ANGLES	±0.5°
UNITS	DECIMAL	THRU HOLES	±0.08
		NON-PLATED THRU HOLES	+0.08
			-0.03

SCALE	1 : 1	SHEET	1 OF 1
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