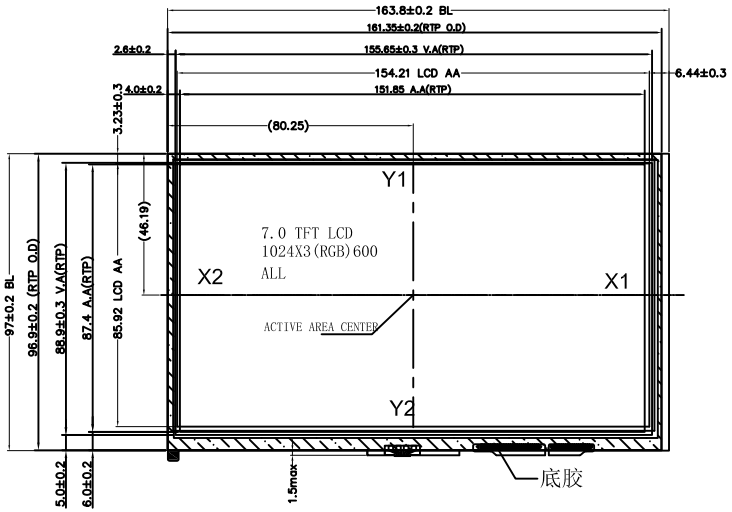
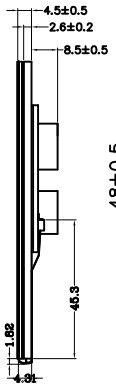
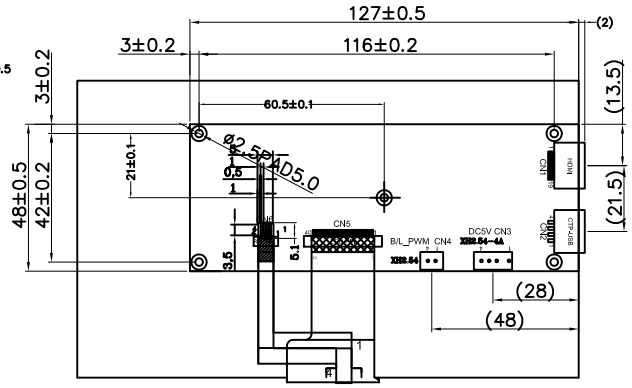
REV	DC/EC NUMBER	DESCRIPTION	DATE







Interface for TFT(CN5)

PIN	FUCTION SYMBOL
1	VCOM
2	VDD
3	VDD
4	NC
5	RESET
6	STBYB
7	GND
8	RXIN0-
9	RXIN0+
10	GND
11	RXIN1-
12	RXIN1+
13	GND
14	RXIN2-
15	RXIN2+
16	GND
17	RXCLKIN-
18	RXCLKIN+
19	GND
20	RXIN3-
21	RXIN3+
22	GND
23	NC
24	NC
25	GND
26	NC
27	DIMO
28	SELB(HSD)
29	AVDD
30	GND
31	LED-
32	LED-
33	L/R
34	U/D
35	VGL
36	NC
37	NC
38	VGH
39	LED+
40	LED+

USB FOR RTP (CN2)

1	GND
2	USB-D+
3	USB-D-
4	+5V

CN1: HDMI ASSIGNMENT

PIN	ASSIGNMENT
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	NC
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

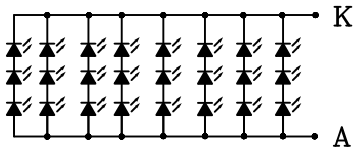
CN6 PITCH=1.0mm

PIN #	Assignment
1	X2
2	Y2
3	X1
4	Y1

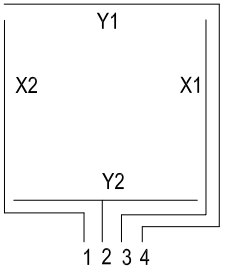
POWER SUPPLY (CN3)

1	+5V
2	+5V
3	GND
4	GND

Backlight Circuit



BL CIRCUIT DIAGRAM(LED 3X8=24 dies)



CN4 B/L_PWM
(FOR Backlight control)

PIN	LOGLC
1	GND
2	PWM

NOTES:

1. DISPLAY MODE : 7.0"TFT LCD, Transmissive,IPS,Normally Black
2. Source IC: EK79001ECGA or equal
3. Gate IC : EK73215BCGA or equal
4. VIEWING DIRECTION :ALL
5. BACKLIGHT: 24 CHIP-WHITE LED, If=160mA, 9.6V。
6. OPERATING TEMPERATURE: -20° C TO 70° C
   STORAGE TEMPERATURE: -30° C TO 80° C
7. GENERAL TOLERANCE : ±0.20
8. BRIGHTNESS FOR TFT MODULE :300cd/m^2

CONTROL DIMENTION:		
REFERENCE DIMENTION:	( )	
APPROVED:	JOBS	
CHECKED:	ERIC	
DESIGNED:	ISSCA	

XINSUN DISPLAY INTEGRATION

MODEL NAME	XF0701024600CR-IDNL	3rd ANGLE	
PART NAME	XF0701024600CR-IDNL	UNIT	mm
DRAWING NUMBER	DR18031301-1 V00	SCALE	1:1
METERIAL NUMBER		PAGE	1/1