由 Autodesk 教育版产品制作

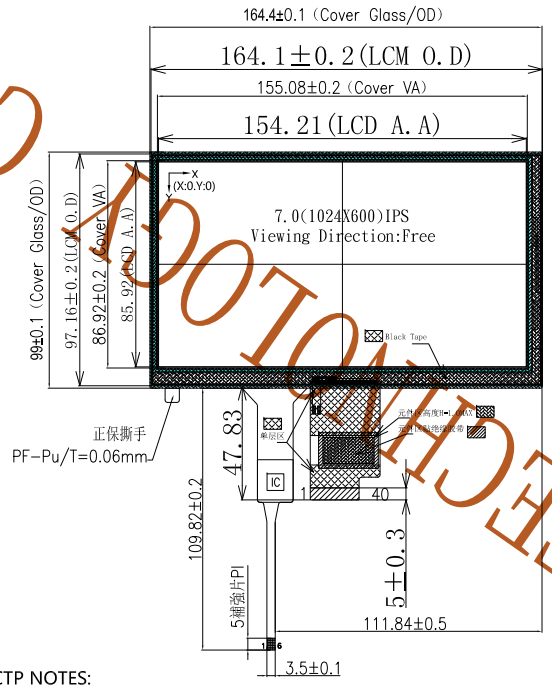
基本规格:

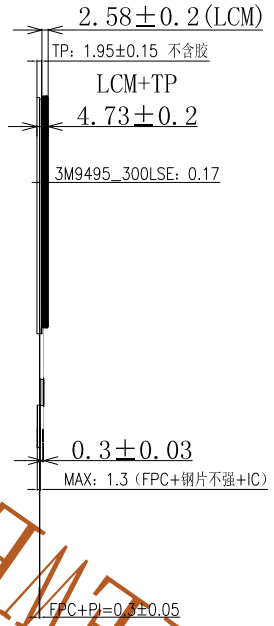
产品规格	DISPLAY TYPE:	7.0 IPS TFT
		NORMALLY BLACK
		TRANSMISSIVE
	RESOLUTION:	1024(RGB)*600
	Driver IC:	EK79001ECGA(Source IC),EK73215BCGA(Gate IC)
	Viewing Angle(U/D/L/R)	85/85/85/85 Typ
	LCM+TP BRIGHTNESS:	300 TYPE
	Chromaticity(W TP):	
	Contrast:	800 TYPE
	NTSC:	
	Uniformity	70% MIN
	Tc:	
	GAMMA	
	CROSSTALK:	
	BLICKLIGHT:	24pcs,3串8并160mA(20mA/LED)
	Interface:	LVDS MODE
	OPERATING TEMP:	-20° C ~ 70° C
	STORAGE TEMP:	-30° C ~ 80° C
	电压:	
		VDD=3.3V(TYP)
	平面度:	0.5MM MAX
	寄存器地址:	

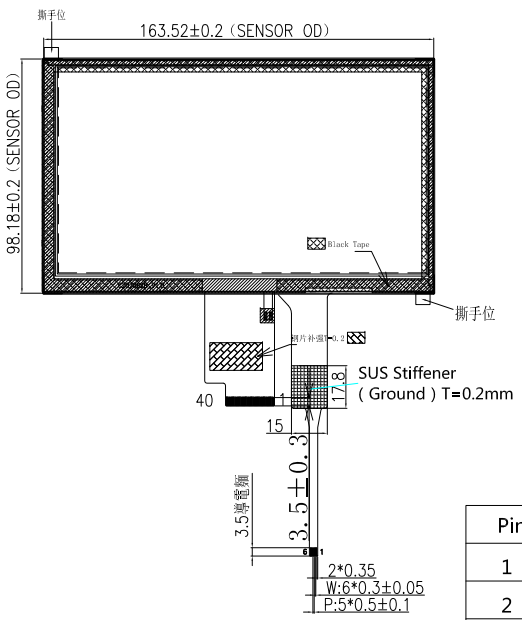
BACKLIGHT CIRCUIT DIAGRAM 20mA/LED (24LED)
LED If:20*8=160mA
LED Vf:9.6V(TYPE)
背光电路图
(CIRCUIT DIAGRAM)

NOTE:
1. VIEWING DIRECTION: FULL view
2. 本产品符合RoHS要求
3. GENERAL TOLERANCE: ±0.2 "( )"reference dimension
   *为重点尺寸
4. 客户终端使用连接器型号:
5. 产品要求SLEEP可以硬件无供电
6. 建议贴合的TP开窗尺寸比LCD AA左右宽度尺寸单边大0.4.
7. ESD(整机):接触+/-4Kv,空气+/-8Kv

Front View

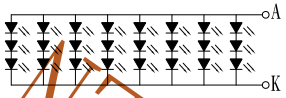






PIN	SYMBOL
1	VCOM
2	VDD
3	VDD
4	NC
5	RESET
6	STBYB
7	GND
8	RXIN0-
9	RXIN0+
10	GND
11	RXIN1-
12	RXIN1+
13	GND
14	RXIN2-
15	RXIN2+
16	GND
17	RXCLKIN-
18	RXCLKIN+
19	GND
20	RXIN3-
21	RXIN3+
22	GND
23	NC
24	NC
25	GND
26	NC
27	DIMO
28	SELB
29	AVDD
30	GND
31	LED-
32	LED-
33	L/R
34	U/D
35	VGL
36	NC
37	NC
38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

CTP NOTES:
1. Working condition : DC3.3V , Interface : I2C , I/O : 2.8V , IIC : 0x28 ;
2. Driver IC : GT911 (COF) , Support touch : 5 points , Channels : 20 (Tx) *12 (Rx)
3. Surface hardness : ≥6H ;
4. Operation temperature : -20°C~+70°C (96Hrs) ;
5. Storage temperature : -30°C~+80°C (96Hrs) ;
6. Transmittance: ≥85% ;
7. Structure type : G+G , CoverGlass+LOCA+SENSOR+FPC ,
   CoverGlass : 1.1mm , LOCA : 0.15mm , SENSOR : 0.7mm ;
8. Connection : FPC , Tx_Pitch * Rx_pitch : 7.804(mm)*7.327(mm) ;
9. All RoHS certificated , Undefined Tolerance : ±0.2MM ;



LED If:20*8=160mA
LED Vf:9.6V(TYPE)
Backlight LED Circuit

Pin	Name
1	RST
2	VCC
3	GND
4	INT
5	SDA
6	SCL

VER.	SYMBOL	AMENDMENT	SIGN	DATE
02	A			
01		First issue	邓瑞林	2017.08.09

DRAWN	
ME. CHECKED	
EE. CHECKED	
APPROVED	

TITLE
MODULE SPEC.

DRAWING NO.

UNIT	mm	SCALE	FIT
3rd Angle		SHEET 1OF 1	

优奕视界 VIEWE
深圳市优奕视界有限公司
SHENZHEN VIEWE TECHNOLOGY CO.,LTD

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