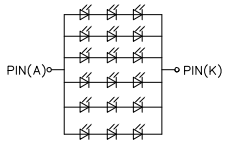
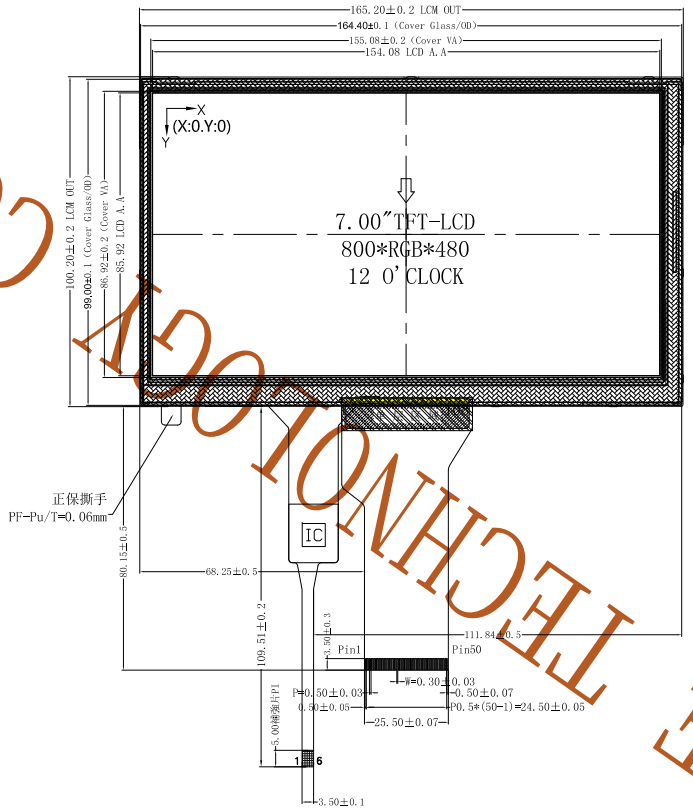
由 Autodesk 教育版产品制作

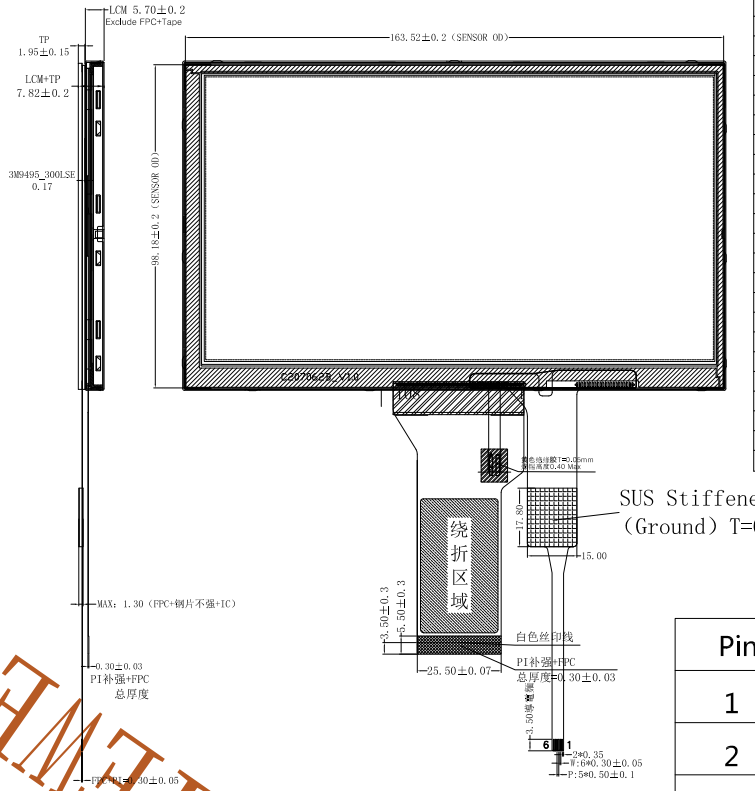
基本规格:

产品规格		
	DISPLAY TYPE:	7.0 TN TFT NORMALLY WHITE TRANSMISSIVE
	RESOLUTION:	800(RGB)*480
	Driver IC:	
	Viewing Angle(U/D/L/R)	60/70/70/70 Typ
	LCM+TP BRIGHTNESS:	220 cd/m2 Min , 270 cd/m2 Typ
	Chromaticity(W TP):	
	Contrast:	600 Typ
	NTSC:	41% Typ
	Uniformity	75% Min
	Tc:	
	GAMMA	
	CROSSTALK:	
	BLICKLIGHT:	18pcs,3串6并120mA(20mA/LED)
	Interface:	
	OPERATING TEMP:	-20°C ~ 70°C
	STORAGE TEMP:	-30°C ~ 80°C
	电压:	
	平面度:	0.35mm Max
	寄存器地址:	



BACKLIGHT CIRCUIT DIAGRAM 20mA/LED (18LED)
LED Vf:9.6V(TYP)
背光电路图
(CIRCUIT DIAGRAM)





NO.	定义	NO.	定义
1	LEDA	26	G1
2	LEDA	27	G0
3	LDEK	28	R7
4	LEDK	29	R6
5	GND	30	R5
6	VOCM	31	R4
7	DVDD	32	R3
8	MODE	33	R2
9	DE	34	R1
10	VCYNC	35	R0
11	HSYNC	36	GND
12	B7	37	DCLK
13	B6	38	GND
14	B5	39	L/R
15	B4	40	U/D
16	B3	41	VGH
17	B2	42	VGL
18	B1	43	AVDD
19	B0	44	RESET
20	G7	45	NC
21	G6	46	VCOM
22	G5	47	DITHER
23	G4	48	GND
24	G3	49	[illegible]
25	G2	50	[illegible]

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

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 ;

FPC展开出货

NOTE:
1. VIEWING DIRECTION: 12 O'clock
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: FH34SRJ-50S-0.5SH(50)
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0.3.
7. ESD(整机):接触+/-4Kv,空气+/-8Kv

VER.	SYMBOL	AMENDMENT	SIGN	DATE
01		First issue	SF	2018.01.16

DRAWN	
ME. CHECKED	
EE. CHECKED	
APPROVED	

TITLE
MODULE SPEC.

DRAWING NO.

UNIT	mm	SCALE	FIT
3rd Angle		SHEET 1OF 1	

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