

BTF057A-AHR\$



● Feature

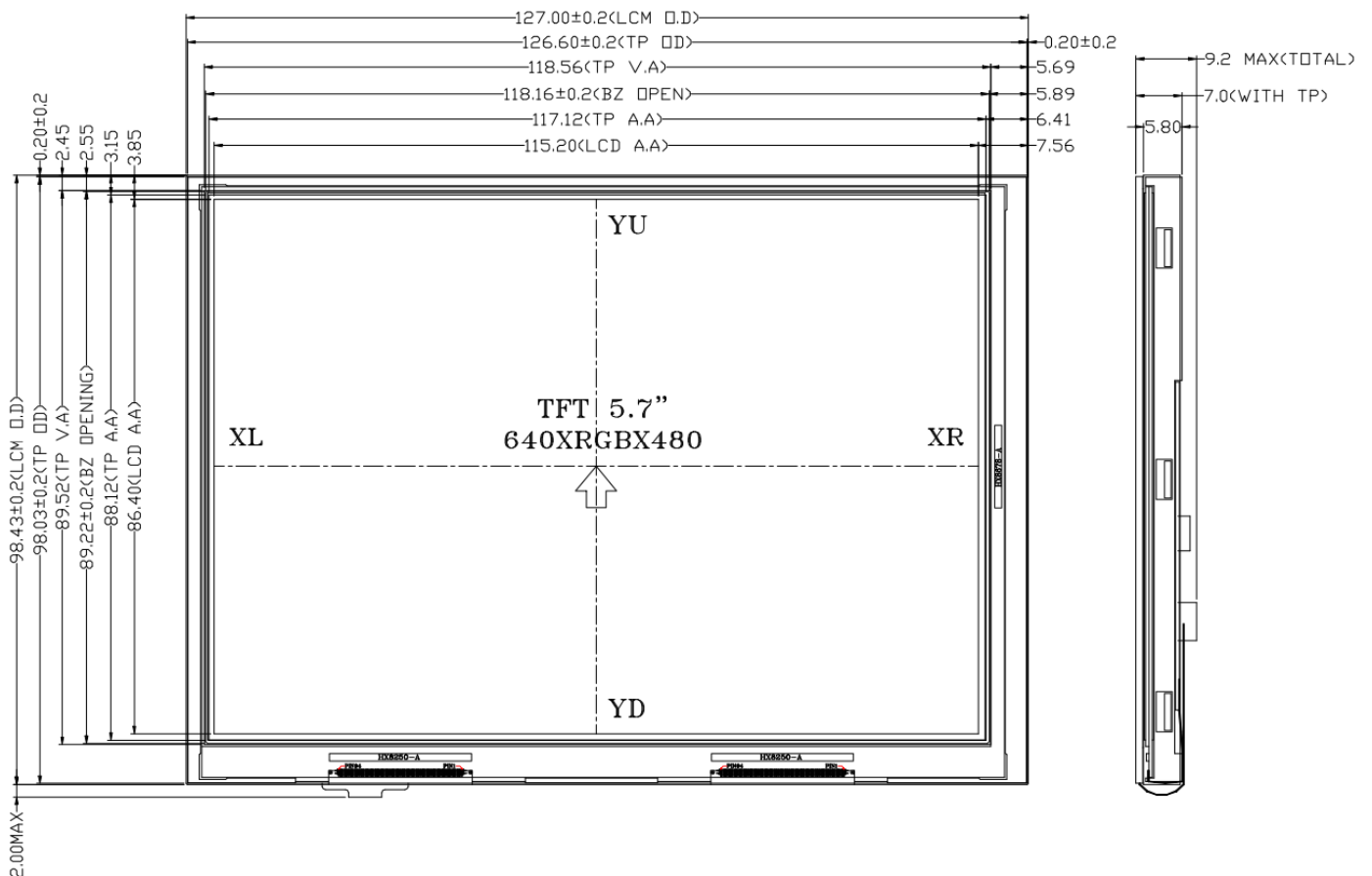
1. 5.7" TFTLCD
2. Resolution:640*480
3. DisplayType:TFT/Normally/White/Transmissive
4. Interface Type:18-BIT RGB
5. Drive IC:HX8250-A*2+HX8678B
6. Surface Luminance:560cd/m²
7. Top:-20°C~70°C
8. Support Resistive Touch Panel



● Mechanical Data

1. Module(WxHxT)(mm):127.0*98.43*9.20
2. Active Area(mm):115.2*86.4
3. LED Numbers:21LEDs

● Mechanical Drawing



● Interface Pin Function

Pin No.	Symbol	Description
1	U/D	Up/down scan setting. When U/D=H, reverse scan. When U/D=L, normal scan.
2	NC	No connection.
3	HSYNC	Horizontal sync input in digital RGB and CCIR601 mode. (Short to GND if not used)
4~6	VLED	Power supply for BLU LDO circuit.
7	VCC	Power supply.
8	VSYNC	Vertical sync input in digital RGB and CCIR601 mode. (Short to GND if not used)
9	DE	Input data enable control. When DE mode, active High to enable data input. Default pull low.
10	XL	Touch panel control PIN: XL
11	YU	Touch panel control PIN: YU
12	ADJ	Chip Enable (Active High).
13~15	B5~B3	Blue data input.
16	VSS	Power ground.
17~19	B2~B0	Blue data input.
20	VSS	Power ground.
21~23	G5~G3	Green data input.
24	VSS	Power ground.
25~27	G2~G0	Green data input.
28	VSS	Power ground.
29~31	R5~R3	Red data input.
32	VSS	Power ground.
33~35	R2~R0	Red data input.
36	XR	Touch panel control PIN: XR
37	YD	Touch panel control PIN: YD
38	DCLK	Clock signal. Latching data at the rising edge.
39	VSS	Power ground.
40	L/R	The shift direction of device internal shift register is controlled by this pin as shown below: L/R=H: STH->SO1->•••->SO960->STHO L/R=L: STH->SO960->•••->SO1->STHO

● Electrical Characteristics

Item	Symbol	Min	Typ.	Max	Unit	Applicable terminal
Supply Voltage for Analog	VCC	2.7	3.3	3.6	V	
Supply Voltage for Logic	VCC	2.7	3.3	3.6	V	
Input Voltage	V _{IL}	-0.3	-	0.2VCC	V	
	V _{IH}	0.8 VCC	-	VCC		
Input leakage Current	I _{LKG}	-1		1	μA	