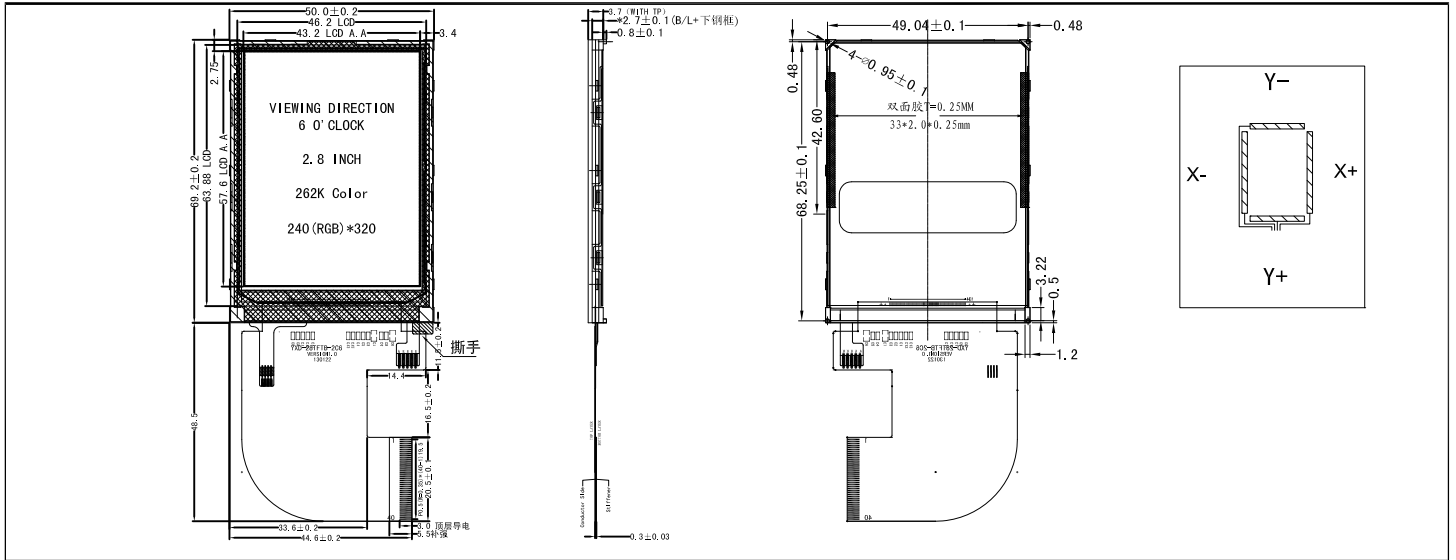
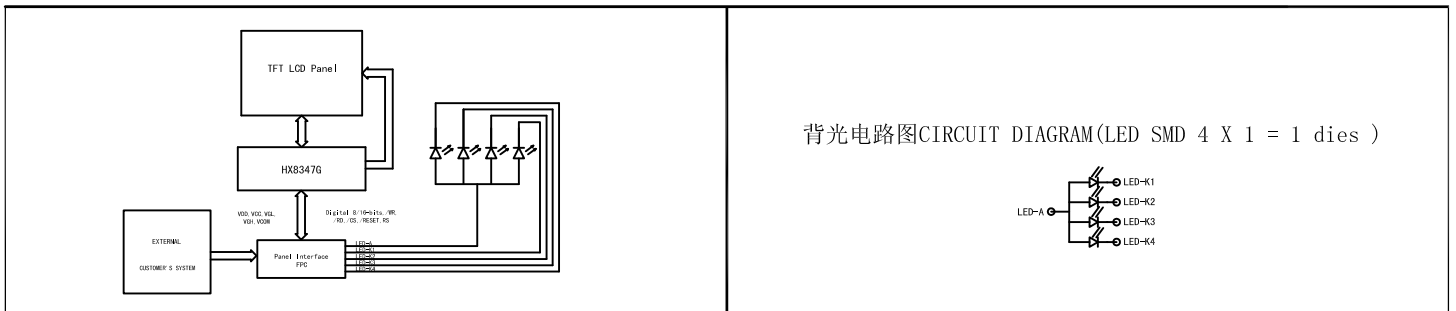


## 1.0 DIMENSIONAL DRAWING



## 2.0 BLOCK DIAGRAM & POWER SUPPLY



## 3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions (mm)	Feature	
		Active Screen Size	2.8" Diagonal
Module Size(W*H*T)	50.0×69.2×4.4	Resolution	240 (RGB) × 320
Active Area(W*H)	43.2 × 57.6	View Angle	6 O'clock
Dot × Dot(W*H)	240 (RGB) × 320	Pixel Driving Element	α-Si TFT
Dot Pitch(W*H)	---	Pixel Arrangement	RGB Vertical Stripe
Dot Size(W*H)	0.180 × 0.180	Driving IC	HX8347G
---	---	Operating Temperature	-20° C to +70° C
---	---	Storage Temperature	-30° C to +80° C

## 4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Supply Voltage	VDD1 (10VCC)	Based On HX8347G Ta=25° C	1.65	---	3.3	V
Analog Supply Voltage	VCI	Based On HX8347G Ta=25° C	2.5	---	4.8	V
Supply Voltage & Analog Supply Voltage	VDD1 (10VCC) & VCI	Based On HX8347G Ta=25° C	2.5	---	3.3	V
TFT Gate ON Voltage	VGH	Based On HX8347G Ta=25° C	9.0	15.0	16.5	V
TFT Gate Off Voltage	VGL	Based On HX8347G Ta=25° C	-6.0	-10.0	-13.5	V
TFT Common Electrode Voltage	VcomH	Based On HX8347G Ta=25° C	2.5	---	5.8	V
	VcomL	Based On HX8347G Ta=25° C	-2.5	---	0	V

## 5.0 INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	A(LED+)	3.2V(Type)	LED Backlight Anode Input Terminal
2	LED-K	0V	LED Backlight Kathode Input Terminal
3	IM3		For Detail ,PLS Refer to HX8347G Datasheet
4	IM2		
5	IM1		
6	IMO		
7	/RESET	H→L, H	LCM reset pin.internal pull high.connected to VDD when not used
8	VSYN		Frame synchronizing signal for RGB interface operation.
9	HSYN		Line synchronizing signal for RGB interface operation.
10	DOTCLK		Dot clock signal for RGB interface operation.
11	DE		Data enable signal for RGB interface operation.
12-29	DB17-DB0		Data Bus DB17-DB0 Input Terminal
30	SCL		LCM Clock Signal Input Terminal
31	NC		Not Connected
32	SDI		Not Connected
33	NC		Not Connected
34	/CS	L	LCM selection pin for serial interface;internal pull high
35	10VCC&VCI	2.5-3.3V	LCM Power Supply(Digital Voltage & Analog voltage) Input Terminal
36	VSS	0V	LCM Power Supply Ground Input Terminal
37	X+(XR)		Touchpanel X_right Input Terminal
38	Y-(YD)		Touchpanel Y-down Input Terminal
39	X-(XL)		Touchpanel X_left Input Terminal
40	Y+(YU)		Touchpanel Y_up Input terminal

NOTE: NO