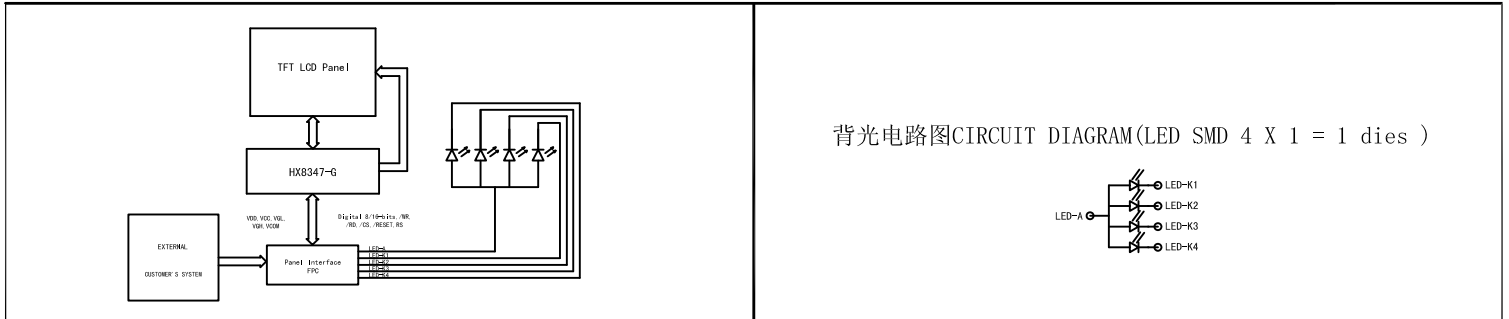


2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions (mm)	Feature	
		Active Screen Size	Resolution
Module Size (W*H*T)	42.72x59.46x2.45	2.4" Diagonal	240(RGB) x 320
Active Area (W*H)	36.72 x 48.96	View Angle	6 O'clock
Dot x Dot (W*H)	240 (RGB) x 320	Pixel Driving Element	α-Si TFT
Dot Pitch (W*H)	---	Pixel Arrangement	RGB Vertical Stripe
Dot Size (W*H)	0.153 x 0.153	Driving IC	HX8347-G
---	---	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	10VCC	Based On HX8347-G Ta=25° C	1.65	---	3.3	V
Analog Supply Voltage	VCI	Based On HX8347-G Ta=25° C	2.5	---	4.8	V
Supply Voltage & Analog Supply Voltage	10VCC&VCI	Based On HX8347-G Ta=25° C	2.5	---	3.3	V
TFT Gate ON Voltage	VGH	Based On HX8347-G Ta=25° C	9.0	15.0	16.5	V
TFT Gate Off Voltage	VGL	Based On HX8347-G Ta=25° C	-6.0	-10.0	-13.5	V
TFT Common Electrode Voltage	VcomH	Based On HX8347-G Ta=25° C	2.5	---	5.8	V
	VcomL	Based On HX8347-G Ta=25° C	-2.5	---	0	V

5.0 INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1-4	DB0-DB3	H/L	Data Bus DB0-DB3 Input Terminal
5	VSS	0V	LCM Power Supply Ground Input Terminal
6	NC	---	Not Connected
7	CS	L	LCM selection pin for serial interface; internal pull high
8	RS	H/L	LCM Data/Command Selection Terminal
9	/WR	L	LCM Write Signal Input Terminal
10	/RD	L	LCM Read Signal Input Terminal
11-15	NC	---	Not Connected
16	A (LED+)	3.2V (Type)	LED Backlight Anode Input Terminal
17	LED-K1	0V	LED Backlight Kathode1 Input Terminal
18	LED-K2	0V	LED Backlight Kathode2 Input Terminal
19	LED-K3	0V	LED Backlight Kathode3 Input Terminal
20	LED-K4	0V	LED Backlight Kathode4 Input Terminal
21	NC	---	Not Connected
22	DB4	---	Data Bus DB4 Input Terminal
23-30	DB8-DB15	---	Data Bus DB8-DB15 Input Terminal
31	RESET	H→L, H	LCM reset pin. internal pull high. connected to VDD when not used
32	VCI	2.5V-3.3V	LCM Analog Power Supply
33	10VCC	1.65V-3.3V	LCM Logic Power Supply
34	VSS	0V	LCM Power Supply Ground Input Terminal
35-37	DB5-DB7	---	Enable Chip Signal Input Terminal