



## GENERAL DESCRIPTION

Item	Specification	Unit
Display Mode	TFT Transmissive	-
Number of Pixels	240(W) x RGB x 320(H)	-
Viewing Direction	6 o'clock	-
Touch Panel	4 Wire Analog Type	-
Outline Dimension	42.72(W) x 60.26(H) x 2.6(T)	mm
Active Area	36.72(W) x 48.96(H)	mm
Pixel Pitch	0.153(RGB)(W) x 0.153(H)	mm

## DC ELECTRICAL CHARACTERISTICS(Ta=25°C)

Item	Symbol	Min.	Type.	Max.	Unit
Supply Voltage	VDD-VSS	2.6	2.8	3.3	V
Supply Voltage	-	-	-	-	V
Supply Current	IDD	-	-	10	mA
TFT Gate on Voltage	VGH	-	-	18	V
	VGL	-	-	-6	V
BL Forward Voltage	VF	3.0	3.2	3.4	V
BL Forward Current	IF	-	60	-	mA

## PIN DESCRIPTION

No.	Symbol	I/O	Function
1	GND	P	Ground
2	YD	I	(No connection)The signal for the touch panel.
3	XR	I	
4	YU	I	
5	XL	I	
6	GND	P	Ground
7	IM0	I	Interface select pin.
8	IM3		
9	FMARK	O	Output a frame head pulse signal .
10	NC	-	No connection
11	LCD_ID	I	ID circuit
12	RESET	I	This signal will reset the driver
13	D9	I	Data bus DB9
14	D0	I	Data bus DB0
15-22	D17-D10	I	Data bus DB17-DB10
23-30	D8-D1	P	Data bus DB8-DB1
31	RD	I	Read signal and read data out when it is low
32	WR	I	Write signal and write data when it is low
33	RS	I	Register select signal
34	CS	I	Chip select pin
35	GND	P	Ground
36	IOVCC	P	Power supply for I/O system
37,38	VCC	P	Power supply for the system
39~42	LEDK4~1	P	Power supply for LED-K
43	LEDA	P	Power supply for LED-A
44	GND	P	Ground

## PRODUCT PICTURE



## Mechanical Specification

**PIN FUNCTION**

PIN	SYMBOL	FUNCTION
1	GND	Ground
2	YD	
3	XR	
4	YU	
5	XL	
6	GND	Ground
7	IM0	
8	IM3	
9	FMARK	
10	NC	No connection
11	LCD_ID	ID circuit
12	RESET	
13	D9	
14	D0	
15	D17	
16	D16	
17	D15	
18	D14	
19	D13	
20	D12	
21	D11	
22	D10	
23	D9	
24	D8	
25	D7	
26	D6	
27	D5	
28	D4	
29	D3	
30	D2	
31	D1	
32	RD	
33	WR	
34	CS	
35	GND	Ground
36	IOVCC	
37	VCC	
38	VCC	
39	LEDK4	
40	LEDK3	
41	LEDK2	
42	LEDK1	
43	LEDA	
44	GND	Ground

IM0--IM0  
00: 8080 16BIT, DATA BUS=DB17~DB10,DB8~DB1;  
01: 8080 8BIT, DATA BUS=DB17~DB10;  
10: 8080 18BIT, DATA BUS=DB17~DB0;  
11: 8080 9BIT, DATA BUS=DB17~DB9;  
IDVCC=1.8/2.8V VCC=2.8V

**BACKLIGHT CIRCUIT DIAGRAM**

RPC折弯后  
参考图纸

**NOTE:**

- GENERAL TOLERANCE: ±0.2
- <...> IS REFERENCE DIMENSION.
- COMPLYABLY RoHS.
- MAIN LCD DRIVER: IL19325D