


## General Features

<b>Panel Type :</b>	a-Si TFT-LCD, Panel
<b>Panel Size :</b>	2.8 <sup>inch</sup>
<b>Resolution :</b>	240(RGB)×320, QVGA
<b>Display Mode :</b>	TN, Normally White, Transmissive
<b>Surface :</b>	Clear, Hard coating (3H)
<b>Brightness :</b>	250cd/m <sup>2</sup> (Typ.)
<b>Contrast Ratio :</b>	350:1 (Typ.)
<b>Display Colors :</b>	65K/262K
<b>Response Time :</b>	25 (Typ.)(Tr+Td)
<b>Viewing Angle :</b>	75/75/75/55 (Typ.)(CR≥10) (L/R/U/D)
<b>Frequency :</b>	60Hz
<b>Lamp Type :</b>	1S4P WLED
<b>Signal Interface :</b>	CPU
<b>Interface:</b>	16bit
<b>Input Voltage :</b>	2.8-3.3V (Typ.)(VCI/VCC)
<b>RoHS :</b>	

Interface:

Pin No.	Symbol	I/O	Function	Remark
1	D0	I/O	Data bus (Bit 0)	-
2	D1	I/O	Data bus (Bit 1)	-
3	D2	I/O	Data bus (Bit 2)	-
4	D3	I/O	Data bus (Bit 3)	-
5	GND	P	Ground	-
6	VDD	P	Logic supply voltage	-
7	NCS	I	Chip select signal (Low: active)	-
8	RS	I	Register select signal	-
9	NWR	I	Write signal (Low: active)	-
10	NRD	I	Read signal (Low: active)	-
11	IF0	I	Interface select signal	Note
12	XR	-	Touch panel signal	-
13	YT	-	Touch panel signal	-
14	XL	-	Touch panel signal	-
15	YB	-	Touch panel signal	-
16	LED+	-	LED anode	-
17	LED1-	-	LED cathode	-
18	LED2-	-	LED cathode	-
19	LED3-	-	LED cathode	-
20	LED4-	-	LED cathode	-
21	NC	I	No connection	-
22	D4	I/O	Data bus (Bit 4)	-
23	D8	I/O	Data bus (Bit 8)	-
24	D9	I/O	Data bus (Bit 9)	-
25	D10	I/O	Data bus (Bit 10)	-
26	D11	I/O	Data bus (Bit 11)	-
27	D12	I/O	Data bus (Bit 12)	-
28	D13	I/O	Data bus (Bit 13)	-
29	D14	I/O	Data bus (Bit 14)	-
30	D15	I/O	Data bus (Bit 15)	-
31	NRES	I	Reset signal (Low: active)	-
32	VCI	P	Analog supply voltage	-
33	VDD	P	Logic supply voltage	-
34	GND	P	Ground	-
35	D5	I/O	Data bus (Bit 5)	-
36	D6	I/O	Data bus (Bit 6)	-
37	D7	I/O	Data bus (Bit 7)	-