



- **Feature**

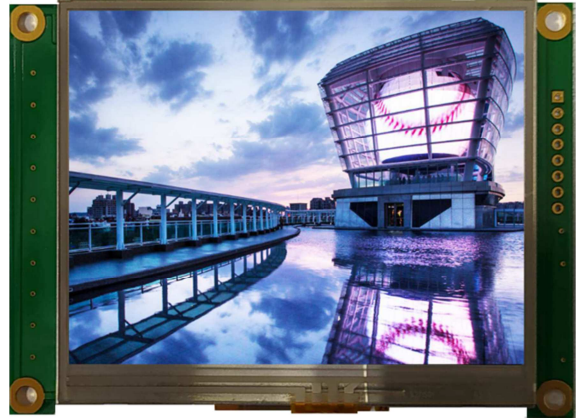
1. 3.5" TFT LCD Module.
2. Resolution:320\*RGB\*240
3. Display Type:TFT/Transmissive/Normally/white
4. Interface Type:SPI
5. Controller IC FT810
6. Top:-20°C~70°C
7. Support Resistive Touch Panel
8. Surface Luminance 150 cd/m<sup>2</sup>(min)

- **Mechanical Data**

Module(WxHxT)(mm): 92.0\*66.0\*6.7

Active Area(mm): 70.08\*52.56

LED Numbers: 6 LEDs



- **Pin Assignment**

| Pin No. | Symbol | I/O Voltage | Function                                       |
|---------|--------|-------------|------------------------------------------------|
| 1       | VDD    | -           | Power supply voltage for logic.                |
| 2       | VSS    | -           | Ground.                                        |
| 3       | SCL    | 3.3V        | SPI clock input.                               |
| 4       | MISO   | 3.3V        | SPI MISO output.                               |
| 5       | MOSI   | 3.3V        | SPI MOSI input.                                |
| 6       | /CS    | 3.3V        | Chip select signal. Active low.                |
| 7       | /PD    | 3.3V        | Chip power down mode control input,active low. |
| 8       | /INT   | 3.3V        | Interrupt to host,active low.                  |

- **Electronic Characteristics**

| Item                  | Symbol          | Min. | Typ. | Max. | Unit |
|-----------------------|-----------------|------|------|------|------|
| Power Supply          | V <sub>DD</sub> | 3.3  | 5.0  | 5.5  | V    |
| Input signal Voltage  | V <sub>IH</sub> | 2.0  | -    | -    | V    |
|                       | V <sub>IL</sub> | -    | -    | 0.8  | V    |
| Output signal Voltage | V <sub>OH</sub> | 2.9  | -    | -    | V    |
|                       | V <sub>OL</sub> | -    | -    | 0.4  | V    |
| Digital Current       | I <sub>DD</sub> | -    | 208  | -    | mA   |

- **Dimension**

