

1.69 Inch 240x280 Smart Watch LCD Small TFT Display Wearable TFT LCD Module



Product Name	1.69 Inch 240x280 Smart Watch LCD Small TFT Display Wearable TFT LCD Module
LCD Size	1.69 Inch TFT LCD Display Module
Display Mode	IPS
Resolution	240x280
Outline Dimension (mm)	34.70x40.70x3.51
Active Area (mm)	27.97x32.63
Dot pitch (mm)	0.0975x0.0975
Viewing Direction	All
Interface	8bit MCU Interface, 24 Pin
Driver IC	JD9851A (Optional with ST7789V driver ic)
Brightness (Cd/m ²)	300
Contrast Ratio	800:1
Backlight	3 White LED
Backlight Supply (Current/Voltage)	60mA 3.2V
Touch Screen	With Capacitive Touch Panel

Feature:

1. LCM with CTP by OCA bonding;
2. Super thin, 1.53mm only;
3. Bigger screen, less Bezel (AA is 27.97mm x 32.63 mm on 29.77 x 37.13mm outline dimension);
4. Intergrated two FPCs into one;

5. FPC has already bonded a connector;
6. The interface is MCU 8bit;
7. When LCM has CTP attached, the brightness is 400cd/m2, and without CTP, it is 300cd/m2;
8. CTP has already bonded a chip;
9. Cover glass of CTP is with 2.5D;
10. Cover glass of CTP is with AF Anti-fingerprint.

- * KWH017ST13-C01 is a Transmissive type color active matrix liquid crystal display (LCD).
- * It is composed of a TFT LCD panel, driver IC, FPC, backlight, CTP.
- * It is 240x280 resolution TFT LCD module.
- * Backlight with different brightness options from 250 - 1500cd/m2 are available.
- * Specific touch panel can be designed & customized.
- * RoHS & REACH compliant.
- * If you can't find a suitable one, contact us to get a recommendation.



Specification:

- 1.69 Inch LCD Display
- 240x280 Resolution & IPS
- 24 Pin 8bit MCU Interface
- With OCA Bonding



Formike has been one of the best suppliers of Small TFT LCD Display for Smart Wearable over 22-year experience, including sizes of: 0.96", 1.28", 1.44", 1.54", 1.69"... etc.

Formike has produced these LCD from our LCD Display Mould with sales volume over than 10KK pieces.

Various Solutions Available, for example High Luminance, IPS, OCA bonding, Touch Panel and other custom demand. It's widely used in Smart Watch , Wearable Devices, Customized projects.

Besides for smart wearable, these LCD are widely used in different applications like Consumer Electronic device, Smart home, Thermostat, Small Medical device and other filed.

[If you want to purchase small LCD display for your project, please feel free to contact us.](#)

0.96 Inch

1.69 Inch

Smart Watch LCD

1.69 Inch

Wearable TFT LCD Display

1.54 Inch

1.28 Inch

1.3 Inch

1.3 Inch 240x240 IPS TFT LCD Display

1.44 Inch 128x128 TFT LCD

1.44 Inch

Detailed description: The image displays a variety of small LCD modules. At the top left, a 0.96-inch display shows a portrait and a clock. To its right, a 1.69-inch display shows a smartwatch-style home screen with icons. Below these, a 1.69-inch display shows a smartwatch face with a large clock and heart rate monitor. To the right of that, another 1.69-inch display is shown. In the middle left, a 1.54-inch display shows an activity tracking screen with a person icon and various statistics. To its right, a 1.28-inch display shows a circular screen with a flower image and activity data. At the bottom left, a 1.3-inch display shows a sunflower image. Next to it is a 1.3-inch 240x240 IPS TFT LCD display. At the bottom right, a 1.44-inch display shows a speedometer-style screen with '56 MPH' and '13.5 MI TOP'. To its right is a 1.44-inch 128x128 TFT LCD display. Each display is shown with its active screen and a blank black version, along with its flexible ribbon cable.