



OMF050A005K01600

## ◎ Feature

| Item           | Info.      |
|----------------|------------|
| Resolution     | 800*480    |
| Power supply   | 5.0V       |
| Interface      | UART       |
| IC             | 32 ARM MCU |
| View Direction | Free       |
| Touch Panel    | CTP        |

## ◎ Mechanical Data (unit: mm)

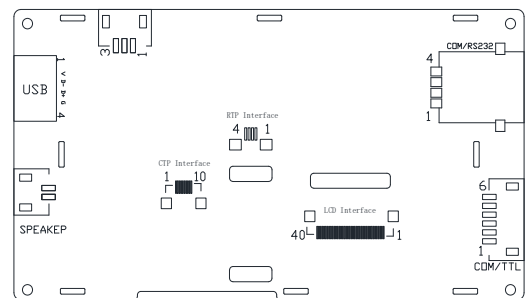
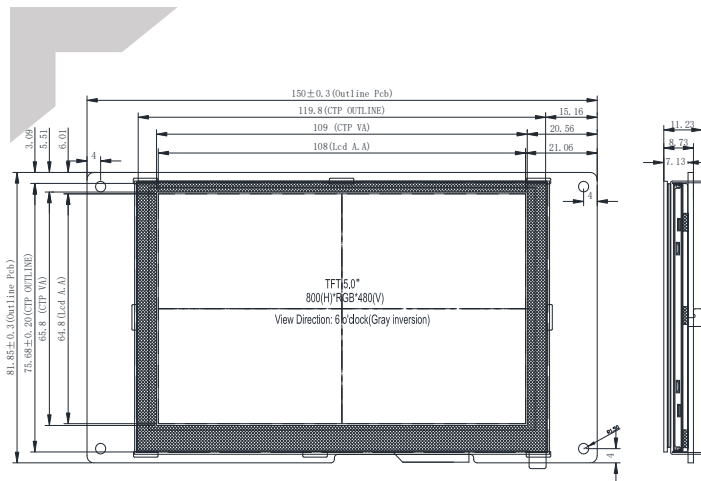
| Item             | Dimension      |
|------------------|----------------|
| Module dimension | 150.00 x 81.85 |
| View area        | -              |
| Active area      | 108.00 x 64.80 |
| Pixel size       | -              |

## ◎ Electrical Characteristics (unit: V)

| Item                  | Min | Typ | Max |
|-----------------------|-----|-----|-----|
| Supply Voltage        | 4.5 | 5.0 | 5.5 |
| (VDD)                 |     |     |     |
| Voltage for Backlight | -   | 20  | -   |

## ◎ Temperature Range (unit: °C)

| Item            | Min | Typ | Max |
|-----------------|-----|-----|-----|
| Operating Temp. | -20 |     | 70  |
| Storage Temp.   | -30 |     | 80  |



USB

| PIN | Symbol | Remarks   |
|-----|--------|-----------|
| 1   | +5.0V  | +5V input |
| 2   | DM     | USB DATA- |
| 3   | DP     | USB DATA+ |
| 4   | GND    | Ground    |

SPEAKER

| PIN | Symbol | Remarks  |
|-----|--------|----------|
| 1   | R+     | SPEAKER+ |
| 2   | R-     | SPEAKER- |

COM/TTL

| PIN | Symbol | Remarks  |
|-----|--------|----------|
| 1   | +5.0V  | +5V      |
| 2   | NC     | NC       |
| 3   | TX     | Transmit |
| 4   | RX     | Receive  |
| 5   | NC     | NC       |
| 6   | GND    | Ground   |

COM/RS232

| PIN | Symbol | Remarks   |
|-----|--------|-----------|
| 1   | +5.0V  | +5V input |
| 2   | TX     | Transmit  |
| 3   | RX     | Receive   |
| 4   | GND    | Ground    |