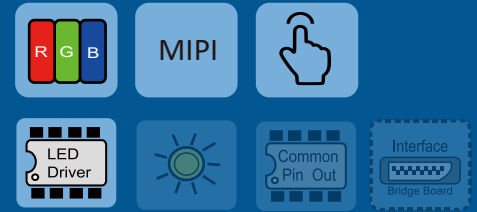


Feature

- 7.0 inches Color IPS TFT
- View Direction : Full view angle
- Interface : MIPI
- Luminance : 350 nits (Typ.)
- Touch Panel : Capacitive(I2C)
- Top -20~70°C ; Tst -30~80°C



Mechanical Data

| Item | Specifications | Unit |
|-------------------|-----------------------|------|
| Outline Dimension | 164.9 x 100.0 x 12.95 | mm |
| Display Format | 800RGB x 480 | dot |
| Active Area | 154.08 x 85.92 | mm |
| Pixel Pitch | 0.1926 x 0.1790 | mm |

Electrical Characteristics (Operating conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|----------------|--------|-----|-----|-------|------|
| Supply Voltage | VCC | 3.0 | 3.3 | 3.6 | V |
| Supply Current | ICC | - | 128 | 179.2 | mA |

Electrical Characteristics (T/P Driving conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|----------------|--------|-----|------|------|------|
| Supply Voltage | VDD | 3.0 | 3.3 | 3.6 | V |
| Supply Current | IDD | - | 20.5 | 28.7 | mA |

Electrical Characteristics (Backlight driving conditions)

| Item | Symbol | Min | Typ | Max | Unit | Note |
|-------------------------------|--------|-----|-----|------|------|-------------|
| Backlight Driver Power Supply | VBLIN | 3.1 | - | 12.5 | V | - |
| Backlight Driver Current | IBL | - | 790 | 1106 | mA | VBLIN=3.3V |
| Backlight Driver Current | IBL | - | 480 | 672 | mA | VBLIN=5.0V |
| Backlight Driver Current | IBL | - | 200 | 280 | mA | VBLIN=12.0V |