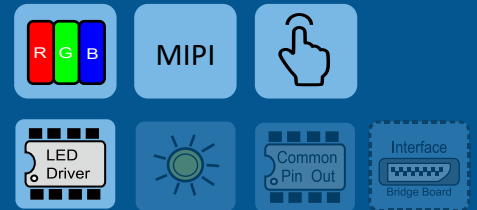


Feature



- 5.0 inches Color TFT
- View Direction : 6 o'clock
- Interface : MIPI
- Luminance : 440 nits (Typ.)
- Touch Panel : Capacitive(USB)
- Top -20~70°C ; Tst -30~80°C



Mechanical Data

| Item | Specifications | Unit |
|-------------------|----------------------|------|
| Outline Dimension | 118.5 x 77.55 x 10.8 | mm |
| Display Format | 800RGB x 480 | dot |
| Active Area | 108.0 x 64.8 | mm |
| Pixel Pitch | 0.135 x 0.135 | mm |

Electrical Characteristics (Operating conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|----------------|--------|-----|-----|-----|------|
| Supply Voltage | VCC | 3.0 | 3.3 | 3.6 | V |
| Supply Current | ICC | - | 205 | 287 | mA |

Electrical Characteristics (T/P driving conditions)

| Item | Symbol | Min | Typ | Max | Unit |
|-------------|--------|-----|------|------|------|
| T/P Voltage | VDD | 4.8 | 5.0 | 5.2 | V |
| T/P Current | IDD | - | 31.0 | 43.4 | mA |

Electrical Characteristics (LED driving conditions)

| Item | Symbol | Min | Typ | Max | Unit | Note |
|-------------------------------|--------|-----|-----|------|------|-------------|
| Backlight Driver Power Supply | VBLIN | 3.1 | - | 12.5 | V | - |
| Backlight Driver Current | IBL | - | 470 | 658 | mA | VBLIN=3.3V |
| | | - | 250 | 350 | mA | VBLIN=5.0V |
| | | - | 110 | 154 | mA | VBLIN=12.0V |