

**TFT PRODUCT SPECIFICATIONS****480RGB x 272****16.7M Colors****4.3" Diagonal**

Part Number	TM2147SA043C-01
Overall Dimensions	113.01(H)x75.25(V)x5.43(T)
Active Area	95.04 (H) x 53.856 (V) mm
Resolution	480 RGB (H) x 272 (V) Stripe
Pixel Size	0.198 x 0.198mm
Display Colors	16.7M
Display Mode	TN, Normally White, Transmissive
LCD Type	a-Si TFT
Contrast Ratio	350:1 (Typ)
Viewing Angles (CR≥10)	80°/80°/80°/70° (Left/Right/Top/Bottom)
View Direction	12 o'clock
Grayscale Reversion	6 o'clock
Brightness (I=40mA)	380cd/m <sup>2</sup> (Min)
NTSC	40%
Driver IC	HX8257-A01 or equivalent
VDD	3.0~3.96V
Interface	RGB 24 Bits
Backlight System	8 White LEDs in series and 2 branches in parallel
Forward Voltage	25.6V(typ)
Forward Current	30mA (typ)
<b>Touch Panel Parameter</b>	
Input Method	Bare or gloved finger or thick conductive stylus
Number of simultaneous touches	5 point
Touch controller IC	Atmel mxT336U(COF)
Positional Accuracy	± 1.5mm at 4 edges and 1mm at center
Life of touches	>10 million over lifetime
Connection Type	ZIF Connector
Minimum Touch Pressure	0 N
Optical Transmittance	>=86%
I2C Address	0x4A
Interface to Host	I2C
Operating Voltage	VDD=3.3V

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