TFT PRODUCT SPECIFICATIONS	800RGB x 480	16.7M Colors	5.0” Diagonal

Part Number	TM2131DA050C-02
Overall Dimensions	134.40(H)x90.18(V)x5.15(T)
Active Area	108.00 (H) x 64.80 (V) mm
Resolution	800 RGB (H) x 480 (V) Stripe
Pixel Size	0.135 x 0.135mm
Display Colors	16.7M
Display Mode	TN, Normally White, Transmissive
LCD Type	a-Si TFT
Contrast Ratio	450:1 (Typ)
Viewing Angles (CR≥10)	75°/75°/60°/70° (Left/Right/Top/Bottom)
View Direction	12 o’clock
Grayscale Reversion	6 o’clock
Brightness (I=40mA)	350cd/m² (Min)
NTSC	40%
Driver IC	OTA7000A (Source)and SPFD6048A(Gate)
VDD	3.0~3.6V
Interface	RGB 24 Bits
Backlight System	14 White LEDs,7 in series ,2in parallel
Forward Voltage	22.4V(typ)
Forward Current	40mA (typ)
Touch Panel Parameter	
Input Method	Bare or gloved finger or thick conductive stylus
Number of simultaneous touches	5 point
Touch controller IC	MXT336U
Positional Accuracy	± 2.5mm at 4 edges and 1.5mm at center
Life of touches	>10 million over lifetime
Connection Type	ZIF Connector
Minimum Touch Pressure	0 N
Optical Transmittance	>86%
I2C Address	0X4A
ESD Capability	15KV (Air discharge TP with lens)
Interface to Host	I2C
Operating Voltage	VDD=3.3V