

Part Number	TM2148SA035C-01
Overall Dimensions	66.00 (H) x 97.00(V) x5.21(T)mm
Active Area	48.96 (H) x 73.44 (V) mm
Resolution	320RGB (H) x480 (V)
Pixel Size	0.153(H) x 0.153(V)mm
Display Colors	65K
Display Mode	Transmissive/Normally White
LCD Type	a-Si TFT
Contrast Ratio	400:1 (Min)
View Direction	6 o'clock
Grayscale inversion Direction	12 o'clock
Viewing Angles (CR≥10)	Typ 65°/65°/65°/55° (Left/Right/Top/Bottom) Min 55°/55°/55°/45°(Left/Right/Top/Bottom)
Brightness (I _f =20mA)	200 cd/m ² (Min)
NTSC	50%(Min)
Driver IC	ST7796S (or Equivalent)
VDD (Power Supply)	2.8~3.2V
Interface	3 line SPI+16bit RGB Interface
Backlight System	4 White LEDs in Series
Forward Voltage	12.8V (typ)
Forward Current	20 mA (typ)
Touch Panel Parameter	
Input Method	Bare finger
Number of simultaneous touches	1
Touch controller IC	FT6236U(COF)
Min. spacing between two touches	18mm
Positional Accuracy	± 2.5mm at center and edges
Response Time / Speed	≦ 17.5ms
Minimum Touch Area	30mm ²
Minimum Touch Pressure	0N
Optical Transmittance	>85%
I2C Address	0x38
ESD Capability	150pF,330ohm, ±10KV, air test 150pF,330ohm, ±8KV, contact test
Interface to Host	I2C
Operating Voltage	3.3V

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