

TFT PRODUCT SPECIFICATIONS**1280RGB x 800****16.7M Colors****10.1" Diagonal**

Part Number	TM2218DA101L-01
Overall Dimensions	251.96(H) x 170.60(V) x 8.94MAX(T) mm
Active Area	216.96(H) x 135.60(V)mm
Resolution	1280 RGB (H) x 800 (V)
Pixel Size	0.15(H) X 0.15(V)mm
Display Colors	16.7M
Display Mode	IPS/Transmissive /Normally Black
LCD Type	a-Si TFT
Contrast Ratio	900:1 (Typ)
Viewing Angles (CR≥10)	80°/80°/80°/80° (Left/Right/Top/Bottom)
View Direction	Viewing angle free
Brightness (I=60mA)	656cd/m ² (Min)
NTSC	TBD
Driver IC	-
VDD	3.0~3.6V
Interface	LVDS
Backlight System	36 White LED ,4 in series ,9 in Parallel
Forward Voltage	12.8V(typ)
Forward Current	360mA (typ)
Touch Panel Parameter	
Input Method	Bare or gloved finger or thick conductive stylus
Number of simultaneous touches	5 points
Min. spacing between 2 touches	18 mm
Positional Accuracy	+/- 1.5mm at center, +/- 2.5mm at edge
Minimum Touch Area	30 mm ²
Minimum Touch Pressure	0 N
Number of touches	>10 million over lifetime
Connection Type	ZIF Connector
Anti-glare surface	No
Optical Transmittance	>86%
RoHS Compliance	Yes
Interface to Host	I2C
Response Time/Speed	<20ms
I2C Address	0x4A
Touch controller	MXT1066T2 (FW: TBD)
ESD Capability	10KV Air discharge (TP with lens) 8KV contact discharge(TP with lens)
Operating Voltage	3.3V

The information contained herein is based upon typical data, New Vision Display makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others. The user should determine suitability of New Vision Displays for each individual application.



The information contained herein is based upon typical data, New Vision Display makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others. The user should determine suitability of New Vision Displays for each individual application.

