

TOUCH PANEL SPECIFICATIONS		Projected Capacitive	Glass Substrate	15.6" Diagonal
Part Number	1P.NVDS-TP2071SA156C -02			
Outline Dimensions of TP sensor	361.80(H) x 220.99(V) x 0.70(T)mm			
Overall Dimensions incl. cover lens	383.70(H) x 235.89(V) x 2.90(T)mm			
Active Area	347.16(H) x 196.62 (V)mm			
Input Method	Bare or gloved finger or thick conductive stylus			
Number of simultaneous touches	10			
Min. spacing between two touches	20mm			
Positional Accuracy	± 2.0 mm at 4 edges and ±1.0mm at center			
Resolution	1920(H)*1080(V)			
Response Time / Speed	<15ms			
Minimum Touch Area	30mm ²			
Minimum Touch Pressure	0 N			
Optical Transmittance	≥86%			
ITO resistivity	100 Ω/□			
Operating temperature	-20℃ to +70℃, 35%~70% RH non-condensing			
Storage temperature	-30℃ to +80℃, 35%~70% RH non-condensing			
Life of touches	>10 million over lifetime			
Surface Hardness	6H			
Anti-glare surface	No			
FPC attachment method	ACF Bonding			
FPC pull-off strength	>50 g/mm			
FPC bending radius	1mm			
Touch controller IC	ATMXT2952TD, Firmware Revision= 1.0 AA			
Interface to Host	I2C or USB			
I2C Address	0x4A			
Operating Voltage	VDD=3.3V			



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