

TOCH PANEL SPECIFICATIONS		Projected Capacitive	Glass Substrate	4.3” Diagonal
Part Number	TP2147SA043C-01			
Outline Dimensions of TP sensor	103.01 (W) x 65.25 (H) x 0.55 (D)mm			
Overall Dimensions incl. cover lens	113.01 (W) x 75.25 (H) x 1.10 (D)mm			
Active Area	104.01 (W) x 66.25 (H)			
Input Method	Bare or gloved finger or thick conductive stylus			
Number of simultaneous touches	5			
Min. spacing between two touches	18mm			
Positional Accuracy	±1.5mm at 4 edges and ±1mm at center			
Resolution	480(H) x 272(V)			
Response Time / Speed	≤ 15ms			
Minimum Touch Area	30mm <sup>2</sup>			
Minimum Touch Pressure	0N			
Optical Transmittance	≥86%			
Operating temperature	-20℃ to +70℃			
Storage temperature	-30℃ to +80℃			
Life of touches	>10 million over lifetime			
Surface Hardness	7H			
Anti-glare surface	No			
FPC attachment method	ACF bonding			
FPC bending radius	1mm			
Touch controller IC	Atmel mxT336U(COF)			
Interface to Host	I2C			
I2C Address	0x4A			
Operating Voltage	3.3V			

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