

<b>TOCH PANEL SPECIFICATIONS</b>	<b>Projected Capacitive</b>	<b>Glass Substrate</b>	<b>7.0" Diagonal</b>
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Part Number	TP2135SA070C-01
Outline Dimensions of TP sensor	159.85 (W) x 99.85 (H) x 0.70 (D)mm
Overall Dimensions incl. cover lens	177.87 (W) x 119.80 (H) x 1.10 (D)mm
Active Area	154.40 (W) x 93.44 (H)mm
Input Method	Bare or gloved finger or thick conductive stylus
Number of simultaneous touches	5
Min. spacing between two touches	18mm
Positional Accuracy	± 2.5mm at edge and ± 1.5mm at centre
Resolution	800 (H) x 480(V)
Response Time / Speed	<15ms
Minimum Touch Area	30mm <sup>2</sup>
Minimum Touch Pressure	0N
Optical Transmittance	>86%
Operating temperature	-30°C to +80°C
Storage temperature	-40°C to +85°C
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	ATMXT449T
Interface to Host	I2C
I2C Address	0x4A
Operating Voltage	3.3V

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