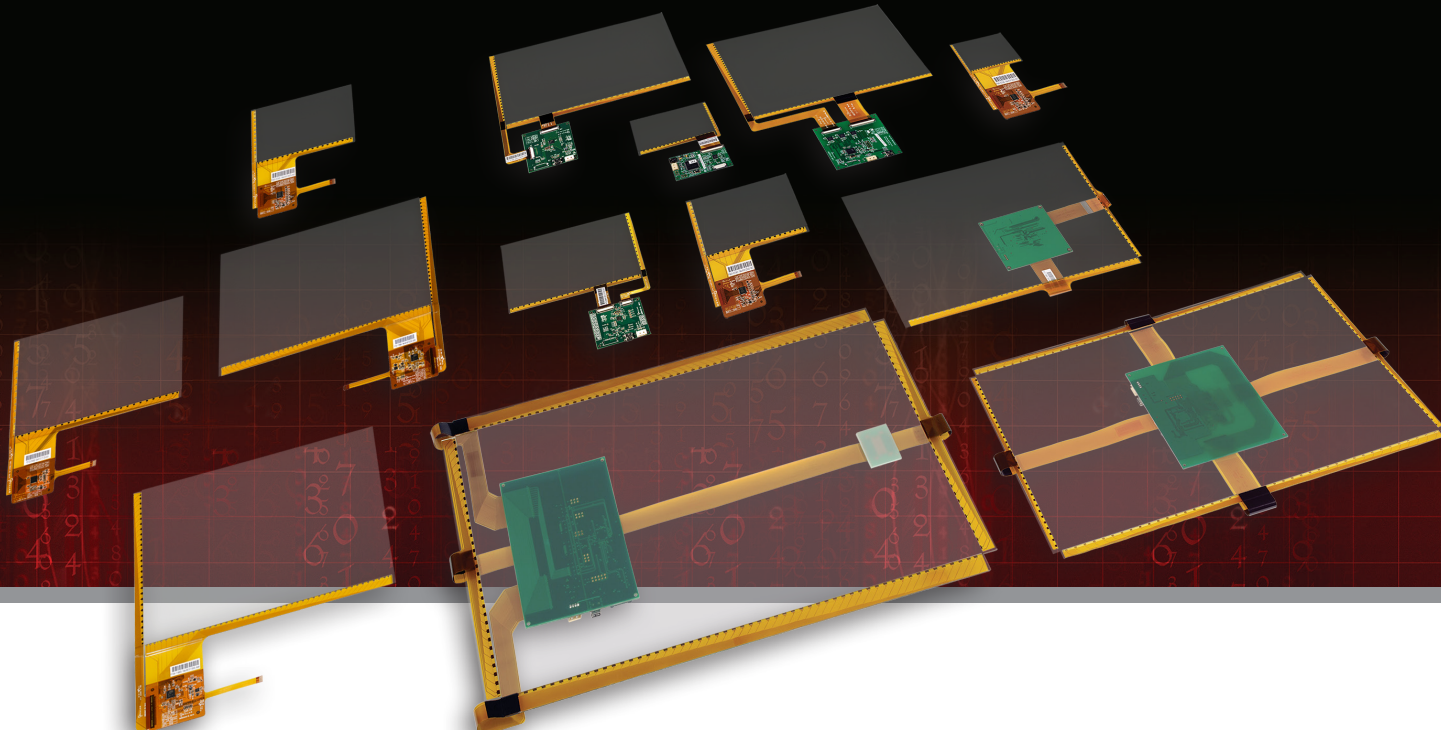




CRYSTAL TOUCH: TRUE MULTI-TOUCH PROJECTED CAPACITIVE TOUCH PANEL



BENEFITS

TRUE Multi-Touch Functionality

- Up to 16 simultaneous touch points

Automatic Gesture Recognition

- Single & 2-finger gesture recognition

Ultra-Rugged Touch Panel

- Stands up to abrasive cleaners
- Scratch resistant

Projected Capacitive Coupling

- Auto calibration
- Works with hands or stylus
- High resolution
- Fast sampling rate

All-Glass Construction

- Maximal optical clarity
- No deformations over time
- No deformations due to temperature

With Ocular's Crystal Touch, system designers are able to combine the vibrant optical quality of a TFT display, the robust functionality of a TRUE multi-touch panel and the extreme durability of projected capacitive technology required by demanding embedded applications. Crystal Touch is made of all-glass, resulting in a very durable touch panel that is less susceptible to scratching, chemicals in the environment and other contaminants. The glass construction of Crystal Touch ensures a crystal clear image.

CRYSTAL TOUCH: TRUE MULTI-TOUCH

PROJECTED CAPACITIVE TOUCH PANEL

Ocular's Crystal Touch: TRUE Multi-Touch Projected Capacitive Touch Panels

Model Number	Diagonal Size	Aspect Ratio	Outline (mm)	Active Area (mm)	Thickness (mm)	Voltage (V)	Chip On Flex (COF) or PCB	Controller	Interface	Simultaneous Touches
F035-0112S-194	3.5"	4:3	85 x 68	70 x 53	1.6	3.3	COF	mXT112S	I ² C	10
F043-00224-000	4.3"	16:9	109 x 67	95 x 54	1.6	5.0	PCB	mXT224	USB	10
F043-00224-100	4.3"	16:9	109 x 67	95 x 54	1.6	3.3	PCB	mXT224	I ² C	10
F043-0224S-194	4.3"	16:9	109 x 67	95 x 54	1.6	3.3	COF	mXT224S	I ² C	10
F057-0224S-194	5.7"	4:3	131 x 103	115 x 86	1.6	3.3	COF	mXT224S	I ² C	10
F070-0384E-000	7.0"	16:10	165 x 104	154 x 91	1.6	5.0	PCB	mXT384E	USB	16
F070-0384E-100	7.0"	16:10	165 x 104	154 x 91	1.6	3.3	PCB	mXT384E	I ² C	16
F070-0336S-194	7.0"	16:10	169 x 108	154 x 91	1.6	3.3	COF	mXT336S	I ² C	16
F101-0768E-000	10.1"	16:9	241 x 150	223 x 132	1.6	5.0	PCB	mXT768E	USB	16
F101-0768E-100	10.1"	16:9	241 x 150	223 x 132	1.6	3.3	PCB	mXT768E	I ² C	16
F101-1188S-194	10.1"	16:9	241 x 150	223 x 132	1.6	3.3	COF	mXT1188S	I ² C	16
F104-01386-000	10.4"	4:3	229 x 173	211 x 158	1.6	5.0	PCB	mXT1386	USB	16
F104-01386-100	10.4"	4:3	229 x 173	211 x 158	1.6	3.3	PCB	mXT1386	I ² C	16
F104-1188S-194	10.4"	4:3	231 x 177	211 x 158	1.6	3.3	COF	mXT1188S	I ² C	16
F121-1188S-000	12.1"	16:10	278 x 184	261 x 163	1.6	5.0	PCB	mXT1188S	USB	16
F121-1188S-100	12.1"	16:10	278 x 184	261 x 163	1.6	3.3	PCB	mXT1188S	I ² C	16
F156-01386-000	15.6"	16:9	366 x 218	344 x 194	1.6	5.0	PCB	mXT1386	USB	16
F156-01386-100	15.6"	16:9	366 x 218	344 x 194	1.6	3.3	PCB	mXT1386	I ² C	16
F170-1716E-000	17.0"	5:3	400 x 258	370 x 222	2.6	5.0	PCB	mXT1716E	USB	16
F170-1716E-100	17.0"	5:3	400 x 258	370 x 222	2.6	3.3	PCB	mXT1716E	I ² C	16

Crystal Touch: TRUE Multi-Touch Common Specifications

Resolution	4096 x 4096
Transmissivity	90%
Operating Temperature	-20°C to 80°C

Note: System level performance is determined by the overall system design and construction.

