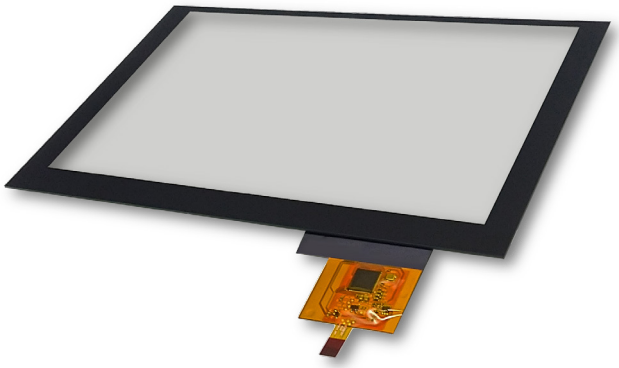
3rd Party Touch Panels
PCAP-S series
3rd Party Projected Capacitive Touch Panels

Overview
The projected capacitive touch panels (PCAP-S series) feature a film sensor with a top cover glass and are available in sizes from 7”W to 31.5”. Basic features are 85% Transmissivity with 1% Haze, 2-finger gesture operation (10-finger detection), and Operating Life of 10 Million touches. A Chip-on-Film (COF) controller IC with USB Interface is standard, with a 1mm pitch FFC connection.

This series is suitable for a wide variety of applications including industrial, Instrumentation and medical products.

While the standard sizes shown fit many applications, the cover glass is often required to be customized to meet product design requirements, so we offer cover glass customization, as well as full custom sizing design service.

The PCAP-S series is manufactured by Transtouch Technology, Inc., a Meiko Electronic Components partner company.



Standard Features
- Glass-Film-Film structure
- Chip-on-Film (CoF) Flex Tail
- Major OS driver support
- Standard interface: USB
- Standard glass finish: Clear (glossy)
- RoHS compliant

Optional Features
- Custom Cover Glass
- Flex only optional
- Graphic Border / Log
- Strengthend Glas
- Anti-Glare (AG) & Anti-Smudge (AS)
- Controller IC upgrade
- Full Custom Designs availab
- Active Pen support available

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■ Part Numbers

Diagonal (inches)	Part numbers	Glass thick-ness (mm)	Tail (Flex) length (mm)	Transparent area (mm)	Sensor active area (mm)	USB signal type
31.5	T010-3101-T323	1.8	82.8	701.40 x 395.85	702.40 x 396.58	--*1
27.0	T010-3101-T621	1.8	68.0	617.01 x 358.01	599.89x 338.31	--*2
23.8	T010-3101-T611	1.8	69.0	549.01 x 319.01	529.04 x 298.01	--*2
21.5	T010-3101-T290U	1.8	70.0	480.80 x 271.30	481.80 x 272.30	B
18.5	T010-3101-T280U	1.8	70.0	410.80 x 231.40	411.80 x 232.40	B
15.6	T010-3201-T661U	1.8	70.0	345.16 x 194.59	346.16 x 195.59	D
15.6	T010-3201-T663U	1.8	70.0	345.16 x 194.59	346.16 x 195.59	B
15	T010-3201-T651U	1.8	70.0	309.20 x 234.23	310.20 x 235.23	B
12.1	T010-3201-T580U	1.8	69.8	256.92 x 165.20	248.50 x 187.00	B
12.1	T010-3201-T582U	1.8	69.8	256.92 x 165.20	248.50 x 187.00	B
12.1W	T010-3201-T560U	1.1	100.0	247.50 x 186.00	257.92 x 166.20	D
12.1W	T010-3202-T290U	1.1	100.0	247.50 x 186.00	257.92 x 166.20	B
10.4	T010-3201-T592U	1.1	70.0	213.20 x 160.40	214.20 x 161.40	B
10.1	T010-3201-T513U	1.1	72.0	218.00 x 136.60	219.64 x 138.14	C
10.1	T010-3202-T100U	1.1	55.3	218.00 x 136.60	218.96 x 137.60	B
7	T010-3301-T207U	1.1	63.0	153.85 x 92.87	154.30 x 93.37	A

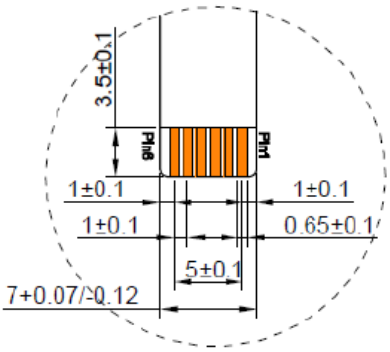
*1: Controller board: EXC31C4588SCCG additionally required.
*2: Controller board: EXC84H5680STAG additionally required.

■ Interfaces

Pin order	USB signal type			
	A	B	C	D
Pin 01	VDD	GND	GND	VDD
Pin 02	D-	D-	RST	D+
Pin 03	D+	D+	VDD	D-
Pin 04	GND	VDD	D-	INT
Pin 05	RST	NC	D+	RST
Pin 06	INT	RST	NC	GND

Our COF FPC has a 1mm pitch design, except 7” panel which is 0.5mm.

■ Flex Tail Detail (example)



■ Specifications

Please contact our sales office for specification drawings.

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Contact

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