

FUJITSU Components 3rd Party Touch Panels PCAP-S series

Fujitsu 3rd Party Projected Capacitive Touch Panels

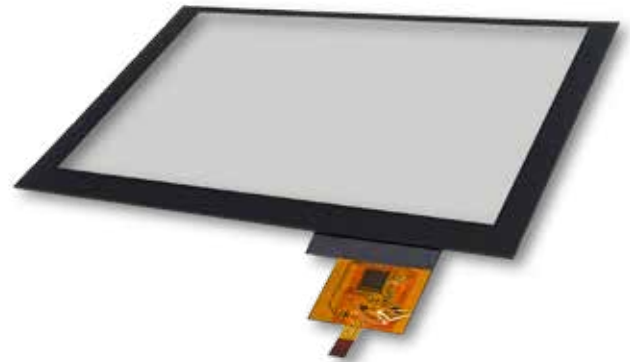
Overview

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 Fujitsu 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 / Logo
- Strengthened Glass
- Anti-Glare (AG) & Anti-Smudge (AS)
- Controller IC upgrade
- Full Custom Designs available
- Active Pen support available

■ Part Numbers

Diagonal (inches)	Part numbers	Glass thickness (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

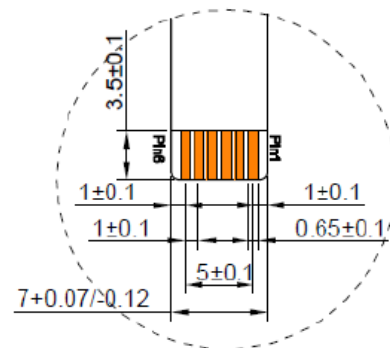
Pin order	USB signal type			
	A	B	C	D
Pin 01	VDD	GND	GND	VDD
Pin 02	D-	D-	RST	D+
Pin 03	D+	D+	VDD	D-
Pin 04	GND	VDD	D-	INT
Pin 05	RST	NC	D+	RST
Pin 06	INT	RST	NC	GND

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

■ Specifications

Please contact our sales office for specification drawings.

■ Flex Tail Detail (example)



Contact

Japan FUJITSU COMPONENT LIMITED Shinagawa Seaside Park Tower 12-4, Higashi-shinagawa 4-chome, Tokyo 140 0002, Japan Tel: (81-3) 3450-1682 Fax: (81-3) 3474-2385 Email: fcl-contact@cs.jp.fujitsu.com Web: www.fujitsu.com/jp/group/fcl/en/	Europe FUJITSU COMPONENTS EUROPE B.V. Diamantlaan 25 2132 WV Hoofddorp, The Netherlands Tel: (31-23) 5560910 Fax: (31-23) 5560950 Email: info@fceu.fujitsu.com Web: www.fujitsu.com/uk/products/ devices/components/	China FUJITSU ELECTRONIC COMPONENTS (SHANGHAI) CO., LTD. Unit 4306, InterContinental Center 100 Yu Tong Road, Shanghai 200070, China Tel: (86 21) 3253 0998 / Fax: (86 21) 3253 0997 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/devices/ components/	Korea FUJITSU COMPONENTS KOREA, LTD. Alpha Tower #403, 645 Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 13524 Korea Tel: (82 31) 708-7108 Fax: (82 31) 709-7108 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/ devices/components/
North and South America FUJITSU COMPONENTS AMERICA, INC. 1230 E. Arques Ave., MS 160 Sunnyvale, CA 94085 U.S.A. Tel: (1-408) 745-4900 Fax: (1-408) 745-4970 Email: components@us.fujitsu.com Web: http://us.fujitsu.com/components/	Asia Pacific FUJITSU COMPONENTS ASIA, Ltd. 102E Pasir Panjang Road #01-01 Citilink Warehouse Complex, Singapore 118529 Tel: (65) 6375-8560 / Fax: (65) 6273-3021 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/devices/ components/	Hong Kong FUJITSU COMPONENTS HONG KONG Co., Ltd. Room 06, 28/F, Greenfield Tower, Concordia Plaza, No.1 Science Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong Tel: (852) 2881 8495 Fax: (852) 2894 9512 Email: fcal@sg.fujitsu.com www.fujitsu.com/sg/products/devices/ components/	

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