

NOT FOR NEW DESIGN

FUJITSU Component Touch Panels

4-Wire Resistive Touch Panel Control Board

Dual Touch for Gesture Input

Overview

A control board for analog resistive 4-wire touch panel Feather Touch series (light input load). It corresponds to dual touch gesture input. USB interface. Custom design available.

- Major applications

- Operation panel for POS/ECR, copier, fax
- Industrial and medical terminals

- Control board part number and touch panel part numbers to be used with the control board

Note: Dual operation not available with Windows® 10 version 1809 or later.



RoHS compliant

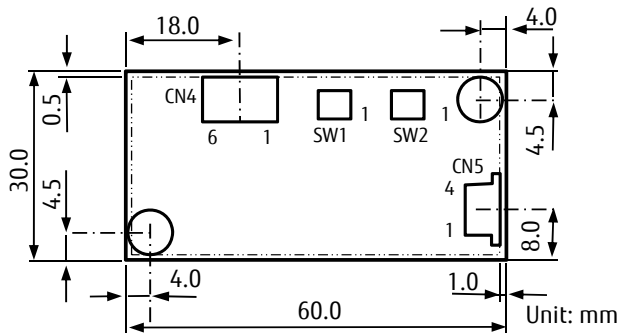
FID-1850-120

Part Number	Interface	Touch Panel series	Touch Panel Part Number
FID-1850-120	USB	4-wire Feather Touch light force Film-glass	FID-1111-262-A15
			FID-1111-381-A19
			FID-1154-401-A10
			NC01111-T081
			NC01111-T181
			NC01111-T202
			NC01111-T221
			NC01111-T222
			NC01111-T241
			NC01111-T242
			NC01111-T261
			NC01111-T281
			NC01152-T021
			NC01152-T101

- Specifications

Item	Specifications
Part number	FID-1850-120
Interface	USB
Transmission speed	Full speed
Power supply	5VDC±10%
Current consumption	Operate
	Suspend
Environmental conditions	Operating temperature/humidity
	Storage temperature/humidity
Dimensions	60 x 30 x 8.5mm

■ Dimensions



■ Pin assignment

CN4: S6B-ZR-SM4 (LF) (SN), (JST)

Pin #	Signal
1	Vcc (5V)
2	D-
3	D+
4	Vss (0V)
5	Frame ground
6	N.C.

CN5: SFW4R-1STAE1-LF, (FCI)

Pin #	Signal
1	Panel drive terminal 1
2	Panel drive terminal 2
3	Panel drive terminal 3
4	Panel drive terminal 4

■ Control IC for dual gesture input

Part Number	Output Interface	Dimensions (mm)	Package
NC41120-0038	I2C	5.0 x 5.0 x 0.75 32 pin QFN	Tray
FID-1860-005	USB	9.0 x 9.0 x 1.7 48 pin SQFP	Tray

■ Device driver

Please refer to the datasheets for Device software for Touch Panels

■ Stylus pen

Part Number	Description	Specification
N010-0557-T002	Smaller pen	Pen point: R0.8 polyacetal resin, Pen point load: approx. 0.33N, Diameter: 5.4mm, length: 110mm, weight: approx. 3g
N010-0557-T011	Standard pen	Pen point: R0.8 polyacetal resin, Pen point load: approx. 0.33N, Diameter: 8.0mm, length: 140mm, weight: approx. 10g

RoHS:

The control boards are complies with the EU RoHS directive.

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