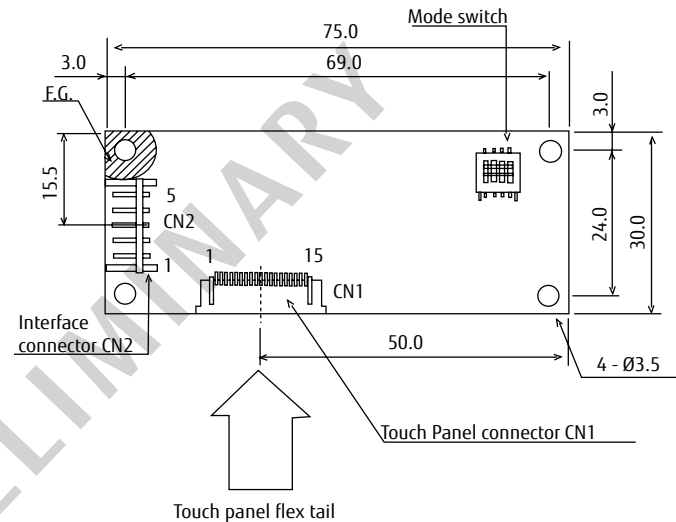


# TOUCH PANEL CONTROL BOARD 7-WIRE USB

## NC01850-B020RS USB Interface Controller Board Quick Reference

### 7-Wire Resistive Touch Panels



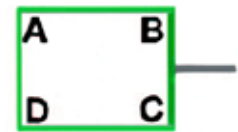
#### ■ FEATURES

- High quality and reliability touch panel control board with switch selectable cable tail exit direction.
- USB 2.0 Interface for direct connection to PC or alternative USB interfaces.
- Board is USB bus powered.
- Used to control 7-wire resistive touch panels.
- RoHS compliant

#### ■ SWITCH SETTINGS

SW1	ON	A	OFF	B	ON	C	OFF	D
SW2	ON		ON		OFF		OFF	
SW3	ON		ON		OFF		ON	

[SW4 is not used]



Origin (0,0) Point

#### ■ CONSTRUCTION

Specification item		NC01850-B020RS 7-Wire USB Control Board
Mechanical	Size / Weight	75mm x 30mm / 30g
Electrical	Supply voltage (max./min.)	Vcc 5.5V/4.1V
	Operating current (detect)	36mA at Vcc=5V and T=25 degrees
	Sleep mode current	6mA at Vcc=5V and T=25 degrees
Environment	Operating temperature	-5°C to +60°C
	Storage temperature	-30°C to +70°C
	Humidity	20% RH to 85% at +38°C maximum wet bulb temperature

# USB 7-Wire Control Board

■ **TOUCH PANEL CONNECTION CN1 (FCI: SFW15R-1STAE1-LF)**

■ **INTERFACE CONNECTION CN2 (JST #: S5B EH (LF))**

1.	+5V (Vcc)	3.	D-(Signal)	5.	Frame Ground
2.	D+ (Signal)	4.	Ground		

Complete specification document is available on request for customers with whom we have an approved NDA in place.

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Rev. December 4, 2012.