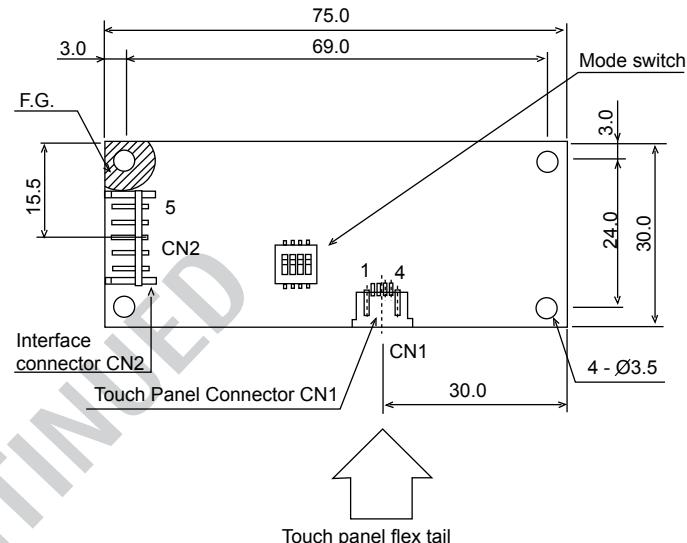


TOUCH PANEL CONTROL BOARD 4-WIRE USB

N16B-0558-B730 USB Interface Controller Board Quick Reference

4-Wire Resistive Touch Panels

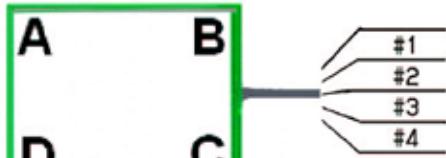


■ FEATURES

- High quality and reliability touch panel control board with integrated switch for selectable cable tail exit direction for FPC cable 4-wire touch panels.
- USB 1.1 bus powered interface for direct connection to PC or alternative USB interfaces.
- RoHS compliant

■ SWITCH SETTINGS

SW1	Orientation mode selection switches	OFF	A	ON	B	OFF	C	ON	D	Type A						
		ON		OFF		OFF		ON								
		OFF		OFF		ON		ON								
SW2		ON		OFF		ON		ON								
		OFF		ON		OFF		OFF								
		OFF		OFF		ON		ON								
SW3		OFF		OFF		ON		OFF								
		OFF		ON		OFF		ON								
		ON		ON		ON		OFF								
Connector Pin Assignment																
#1 Top																
#2 Right																
#3 Bottom																
#4 Left																
Type B																



Origin (0,0) Point

Connector Pin Assignment listed on individual touch panel drawings.

USB 4 -Wire Control Board

■ CONSTRUCTION

Specification item		N16B-0558-B730 4-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
Environment	Sleep mode current	6mA at Vcc=5V and T=25 degrees
	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

■ TOUCH PANEL CONNECTION CN1 (FCI: SFW4R-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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