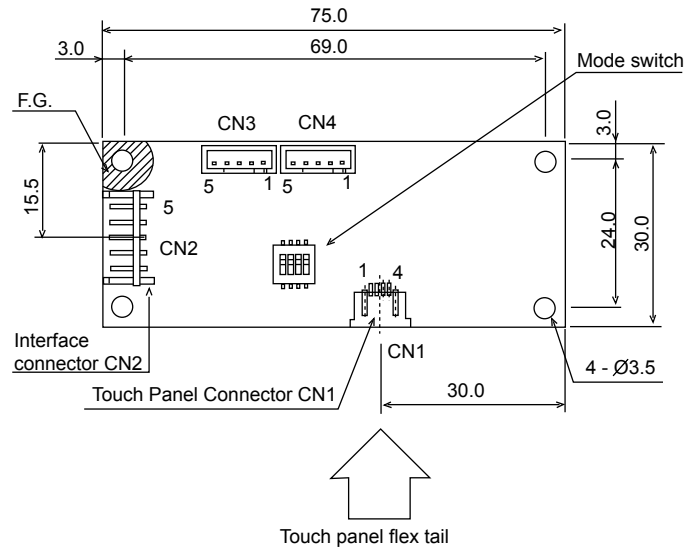


TOUCH PANEL CONTROL BOARD 4-WIRE USB

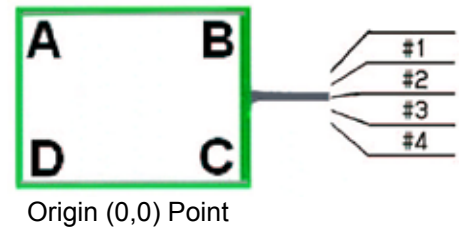
N16B-0558-B710 USB Interface Controller Board Quick Reference

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.



■ SWITCH SETTINGS

SW1	Orientation mode selection switches	OFF	ON	OFF	ON	OFF	ON	Connector Pin Assignment	Type A	
SW2		ON	OFF	OFF	ON	ON	ON			ON
SW3		OFF	OFF	ON	ON	ON	ON			ON
SW1	Orientation mode selection switches	ON	OFF	ON	OFF	ON	OFF	Connector Pin Assignment	Type B	
SW2		OFF	OFF	ON	ON	ON	ON			
SW3		OFF	ON	ON	ON	OF	OF			

Connector Pin Assignment listed on individual touch panel drawings.

USB 4 -Wire Control Board

■ CONSTRUCTION

Specification Item		N16B-0558-B710 4-Wire USB Control Board
Mechanical	Size / Weight	75mm x 30mm / 30 g
Electrical	Supply Voltage (max./min.)	Vcc 5.5V/4.1 V
	Operating current (detect)	36 mA at Vcc = 5V and T = 25 degrees
	Sleep Mode current	6 mA at Vcc = 5V and T = 25 degree s
Environment	Operating Temperature	-5°C to +60°C
	Storage Temperature	-30°C to +70°C
	Humidity	20%RH to 85% RH at +38° C maximum wet bulb temperature

■ INTERFACE CONNECTION CN2 (JST #: S5B EH)

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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