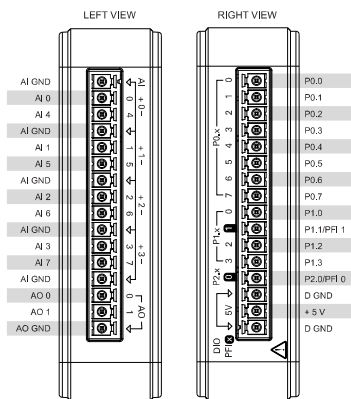


Last Updated: 2022-03-22 Tags: Feature Usage USB-6003



Signal	Reference	Description
AI GND	—	Analog Input Ground—The reference point for single-ended analog input measurements.
AI <0..7>	Varies	Analog Input Channels—For single-ended measurements, each signal corresponds to one analog input voltage channel. For differential measurements, AI 0 and AI 4 are the positive and negative inputs of differential analog input channel 0. The following signal pairs also form differential input channels: AI <1,5>, AI <2,6>, and AI <3,7>.
AO GND	—	Analog Output Ground—The reference point for analog output.
AO <0,1>	AO GND	Analog Output Channels—These terminals supply voltage output.
PO.<0..7>	D GND	Port 0 Digital I/O Channels—You can configure each signal individually as an input or output.
PI.<0..3>	D GND	Port 1 Digital I/O Channels —You can configure each signal individually as an input or output.
P2.0	D GND	Port 2 Digital I/O Channel —You can configure this signal as an input or output.
PFI <0,1>	D GND	Programmable Function Interface or Digital I/O Channels —An edge counter input or digital trigger input.
D GND	—	Digital Ground—The reference point for digital signals.
+5 V	D GND	+5 V Power Source—Provides +5 V power up to 150 mA.

Table 1. Signal Descriptions

LED	Device Status
Off	Device is not connected or is in suspend.
On	Device is connected and functioning normally.
Blinking	Device has encountered an error. Wait 10 seconds to allow the device to attempt to recover from the error. If the LED continues blinking, disconnect and reconnect the device. If the error persists, contact National Instruments.

Table 2. LED State/Device Status

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Yes

No

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