

Default Counter/Timer Pinouts

By default, NI-DAQmx routes the counter/timer inputs and outputs to the USB-6210/6211/6215 device PFI pins as shown in Table 8-4.

Table 8-4. Default NI-DAQmx Counter/Timer Pins for USB-6210/6211/6215 Devices

Counter/Timer Signal	Default Terminal Number (Name)
CTR 0 SRC	1 (PFI 0)
CTR 0 GATE	2 (PFI 1)
CTR 0 AUX	1 (PFI 0)
CTR 0 OUT	6 (PFI 4)
CTR 0 A	1 (PFI 0)
CTR 0 Z	3 (PFI 2)
CTR 0 B	2 (PFI 1)
CTR 1 SRC	4 (PFI 3)
CTR 1 GATE	3 (PFI 2)
CTR 1 AUX	4 (PFI 3)
CTR 1 OUT	7 (PFI 5)
CTR 1 A	4 (PFI 3)
CTR 1 Z	2 (PFI 1)
CTR 1 B	3 (PFI 2)
FREQ OUT	8 (PFI 6)



Note You can find the default NI-DAQmx counter/timer pins for all USB-621x devices in the applicable section of Appendix A, *Device-Specific Information*.

You can use these defaults or select other sources and destinations for the counter/timer signals in NI-DAQmx. Refer to *Connecting Counter Signals* in the *NI-DAQmx Help* or the *LabVIEW Help* in version 8.0 or later for more information about how to connect your signals for common counter measurements and generations. USB-621x default PFI lines for counter functions are listed in *Physical Channels* in the *NI-DAQmx Help* or the *LabVIEW Help* in version 8.0 or later.