

Master Control (Host).vi
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Connector Pane

Master Control (Host).vi



This VI runs on the host device. The host can be a Windows PC or Real-Time target. The example reads a buffer of single point values from all four channels of the NI 923x or NI 9229 module.



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Front Panel

error out 2

status code

source

UTC Time Zone

Eastern Time Zone (-4)
Central Time Zone (-5)
Mountain Time Zone (-6)
Pacific Time Zone (-7)

NOTE: Does not take into account daylight

GPS/Header

READY

GPS

Vertical Load (kN):

0

Dynamic Angle (radians):

0

Ay

Az

Trigger Voltage

Initialization Status

Loop Status

Buffer Underflow

Buffer Overflow

Acc. Graph

Force Graph

FIFO DEBUGGING

Num Elem

Host Buffer Size

Elem Rem

Block Time (ms)

Iter

Block Size

FIFO READ DATA POINTS



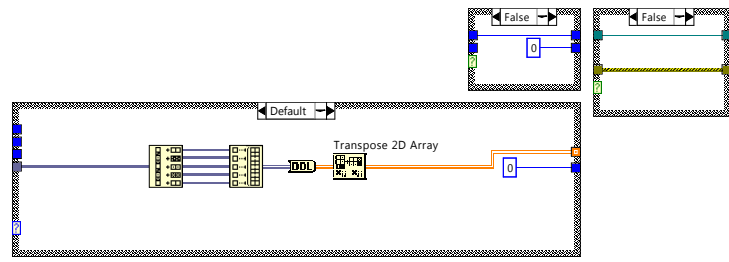
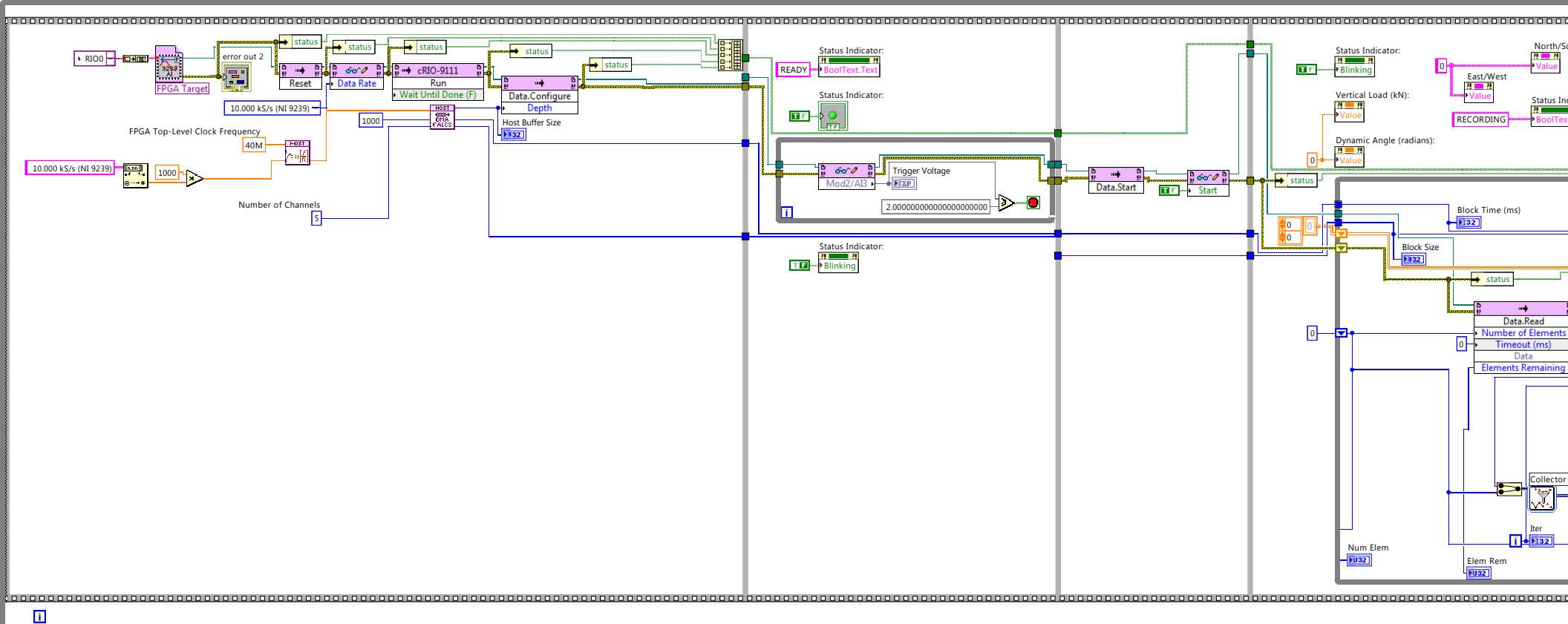
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Block Diagram



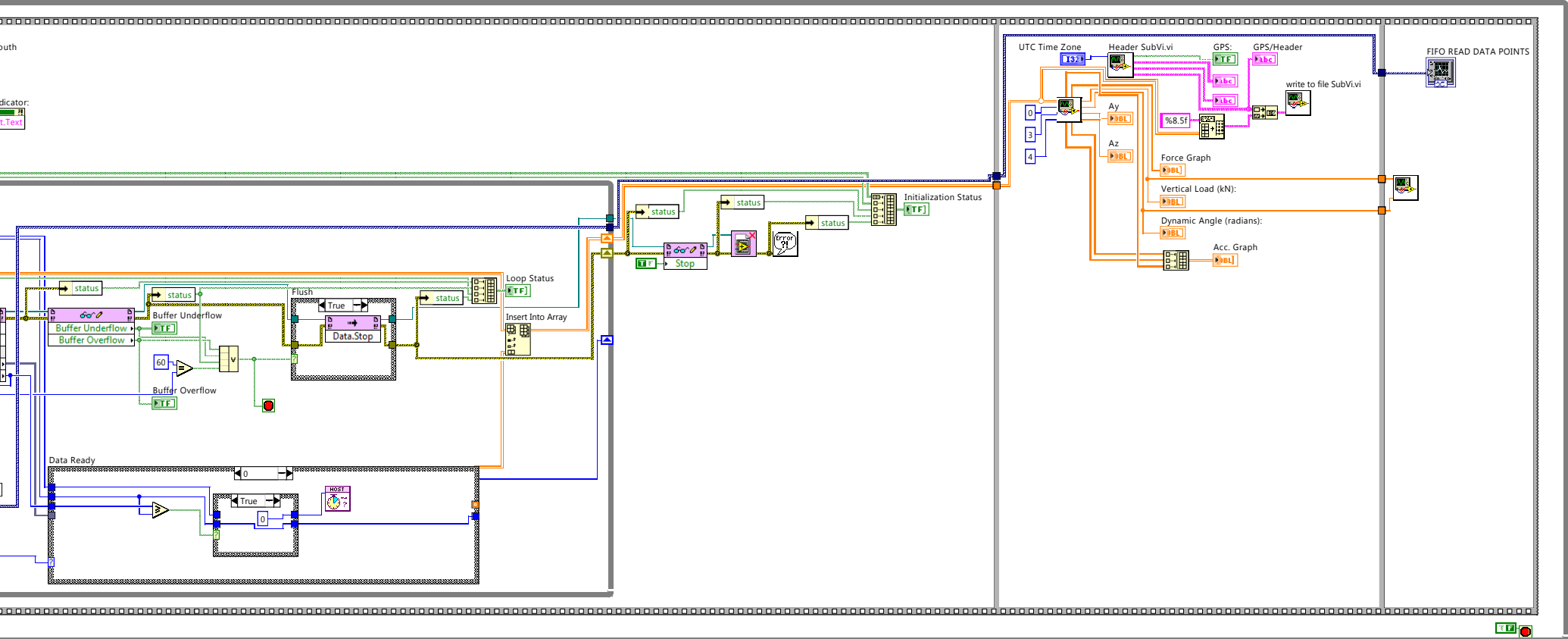


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Collects input signals and returns the most recent data, up to the specified maximum number of samples per channel. When you call this Express VI repeatedly and the Express VI reaches the maximum number of samples per channel, the Express VI discards the oldest data and adds the newest data to the collected samples.

This Express VI is configured as follows:

Number of Points to Collect: 30