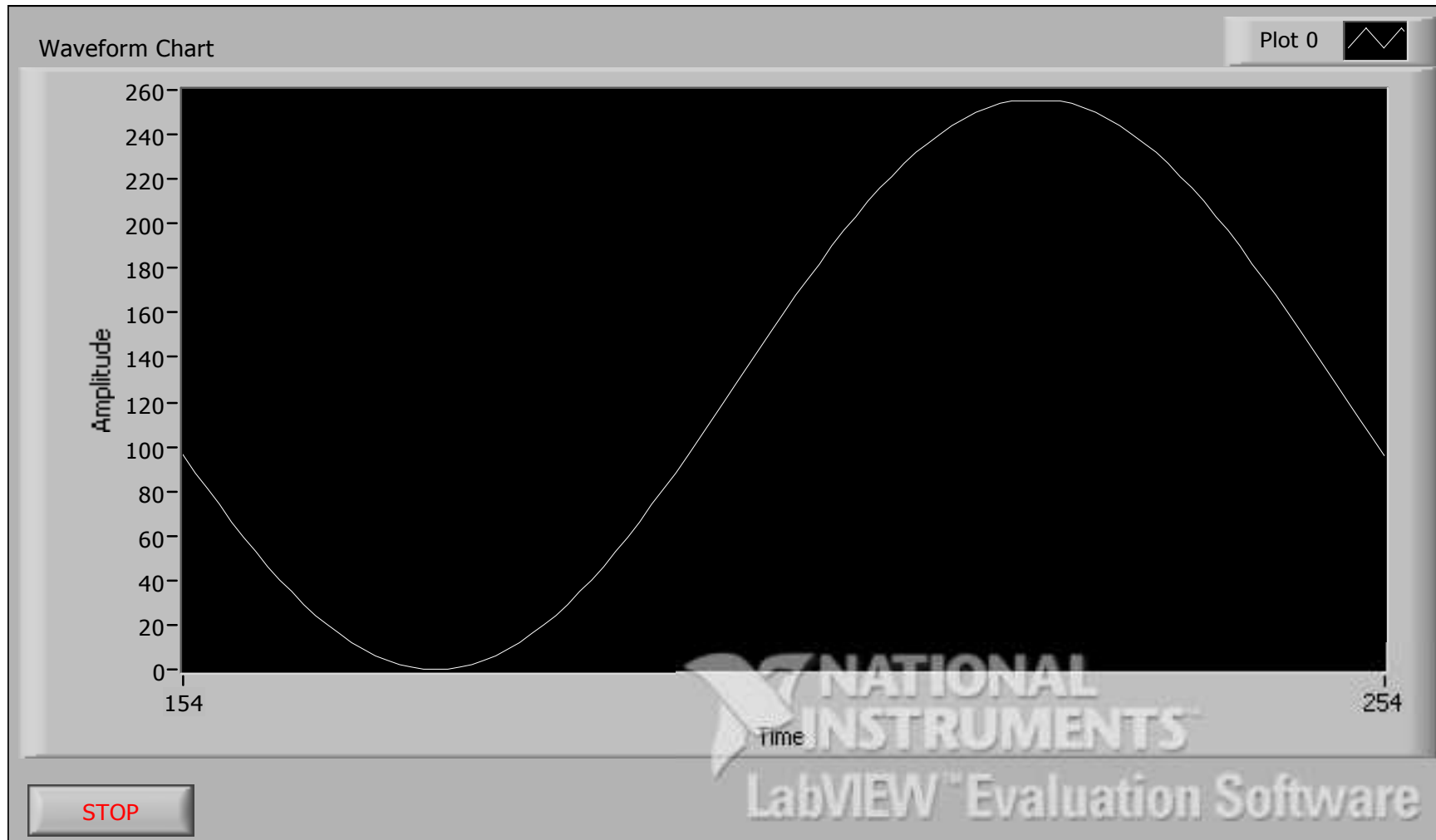Connector Pane

Producer/Consumer Design Pattern (Data)

Use this template to build a producer/consumer design pattern. Use this template when you need to execute a process, such as data analysis, when a data source, such as triggered acquisition, produces data at an uneven rate and you need to execute the process when the data becomes available.

Front Panel

Block Diagram

COM1

VISA Configure Serial Port

F

9600

8

VISA Flush I/O Buffer

None

1.0

Flush Receive Buffer

None

0

Serial Data Queue

Obtain Queue

10

True

Enqueue Element

Release Queue

Simple Error Handler.vi

Instr

Bytes at Port

3

3

VISA Read

VISA Close

Property Node

stop

Dequeue Element

No Error

Waveform Chart

0

Decimal String To Number

Error

Return true for any case which should stop the loop.

T

False