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BC21Elements

B = Buffer

C = Calculation functions

The BC21Elements function makes it possible to know the number of items inserted in the FIFO.

IMPLEMENTATION

BC21Elements (Buffer, Element, ErrorCode, head, tail)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM	
IN	ARRGBL/ ARRSYS	Buffer	B/W/L/S	Array containing the Buffer
OUT	GLOBAL	Element	L	Variable containing the number of elements included in the FIFO.
OUT	GLOBAL	ErrorCode	F	Variable containing the error possibly occurred during insertion of the value
IN	GLOBAL / SYSTEM	head	L	Internal index
IN	GLOBAL / SYSTEM	tail	L	Internal index

Error

Once invoked the function if there are any errors the error variable (ErrorCode) takes the following values:

0 - No error

1 - No data in FIFO.

2 - FIFO memory that contains data not correctly formatted.

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