

## XML Schema Elements

All XML schema elements (instructions) in the following table have three parameters: opcode, serial number and description. The third attribute is optional. The description column contains the instruction parameters (if any) and the size of each parameter in bytes between parentheses.

Schema Element (Instruction)	Description
Fetch	It has no parameters.
SendSelectionMask	1. WindowLength-1(4 bytes). 2. BitNumber (2 bytes).
SendTestData	1. NumberOfWords-1(4 bytes). 2. BitsPerWord-3 (1 byte).
ReadResult	1. NumberOfWords-1 (4 bytes). 2. BitsPerWord-2 (1 byte).
ApplyAndCapture	It has no parameters.
Compare	NumberOfWords-1 (4 bytes).
Load_DCRead	ReadingAddress (2 bytes).
Load_RCRead	ReadingAddress (2 bytes).
Load_RCWrite	WritingAddress (2 bytes).
ResetCompareFlag	It has no parameters.
JCompareCorrect	Address (2 bytes).
JCompareError	Address (2 bytes).
SetFrequencyControlWord	ControlWord (2 bytes).
SendFrequencyControlWord	ControlWordLength-1 (1 byte).
MeasureFrequency	NumberOfCycle-1 (4 bytes).
ReadFrequencyRegister	WordLength-1 (1 byte).
INC_CW	It has no parameters.
DEC_CW	It has no parameters.
SetHFClock	It has no parameters.
ResetHFClock	It has no parameters.
Load_UserCounter_value	Value (4 bytes).
Load_UserCounter_Mem	It has no parameters.
Store_UserCounter	It has no parameters.
INC_UserCounter	It has no parameters.
DEC_UserCounter	It has no parameters.
JNZ	Address (2 bytes).
JZ	Address (2 bytes).
Jump	Address (2 bytes).

Call	Address (2 bytes).
Return	It has no parameters.
Nop	It has no parameters.
Stop	It has no parameters.
ClearTestDataRegister	It has no parameters.
LoadTestDataRegister	Value (1 byte).