**ArgonJoint() Constructor**

**Description**

The constructor takes *jointNumber, pwmTimerChannel, pwmResolution, inputCaptureTimer, inputCaptureChannelA, inputCaptureChannelB, directionPort* and *directionPin* as initial arguments. The methods can be access through ***ArgonBase*** and ***ArgonArm*** objects directly, you do not need to call the constructor.

**Syntax**

ArgonJoint( jointNumber, pwmTimerChannel, pwmResolution, inputCaptureTimer, inputCaptureChannelA, inputCaptureChannelB, directionPort, directionPin )

**Parameters**

jointNumber (*uint8\_t*): Joint number of the motor. Joint number fixed depending on the module.

pwmTimerChannel (*uint32\_t*): PWM timer channel.

pwmResolution (*uint16\_t*): PWM resolution.

inputCaptureTimer (*TIM\_HandleTypeDef \**): Input capture timer.

inputCaptureChannelA (*uint32\_t*): Input capture channel A

inputCaptureChannelB (*uint32\_t*): Input capture channel B

directionPort (*GPIO\_TypeDef \**): Motor direction GPIO port

directionPin (*uint16\_t*): Motor direction GPIO pin

**Returns**

None

**Examples**