

VARIABLES

VAR\_GLOBAL

(\* Inputs \*)

Di00CPU AT %IX255.0 : BOOL; (\* Inp 00 CPU \*)  
 Di01CPU AT %IX255.1 : BOOL; (\* Inp 01 CPU \*)  
 Di02CPU AT %IX255.2 : BOOL; (\* Inp 02 CPU \*)  
 Di03CPU AT %IX255.3 : BOOL; (\* Inp 03 CPU \*)  
 Di04CPU AT %IX255.4 : BOOL; (\* Inp 04 CPU \*)  
 Di05CPU AT %IX255.5 : BOOL; (\* Inp 05 CPU \*)

(\* Outputs \*)

Do00CPU AT %QX255.0 : BOOL; (\* Out 00 CPU \*)  
 Do01CPU AT %QX255.1 : BOOL; (\* Out 01 CPU \*)  
 Do02CPU AT %QX255.2 : BOOL; (\* Out 02 CPU \*)  
 Do03CPU AT %QX255.3 : BOOL; (\* Out 03 CPU \*)

(\* \*)

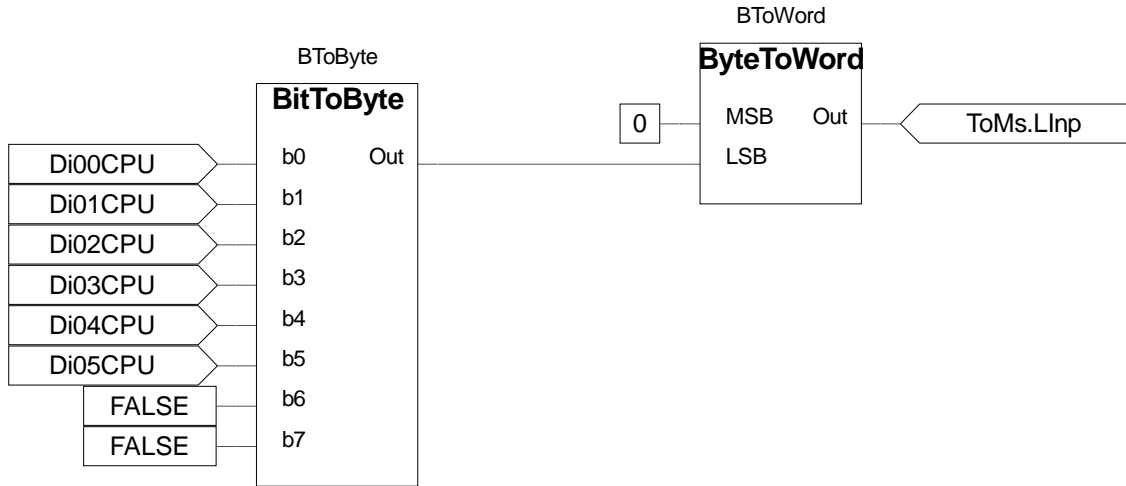
ToMs AT %MX100.0 : DATATOMASTER; (\* Data to Master \*)  
 FromMs AT %MX100.16 : DATAFROMMASTER; (\* Data from master \*)  
 END\_VAR

	Project : Slave	
	VARIABLES :	
	Release : StartStop	Ver :1.00
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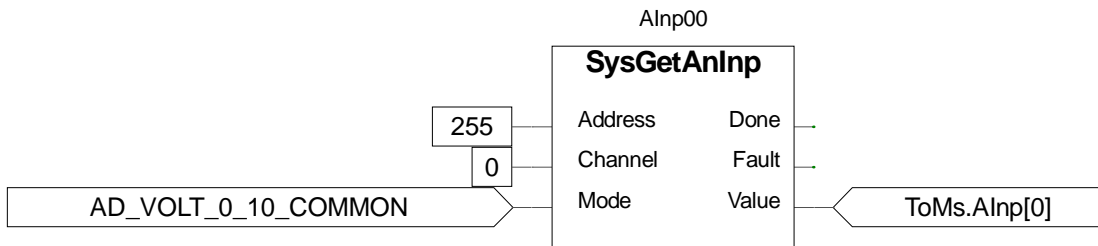
```

VAR
BToByte : BitToByte;
BToWorld : ByteToWorld;
AInp00 : SysGetAnInp;
AInp01 : SysGetAnInp;
BToBit : ByteToBit;
WToByte : WordToByte;
END_VAR
    
```

Appoggio ingressi digitali verso master



Appoggio ingresso analogico 0 verso master



Project : Slave

PROGRAM : FBD

Release : StartStop

Ver :1.00

Author :

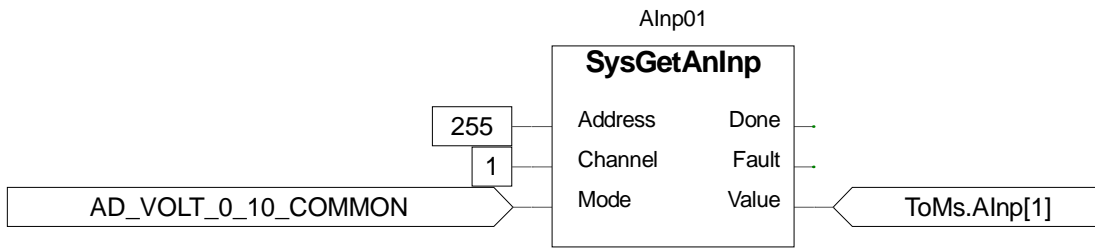
Date:13/05/2015

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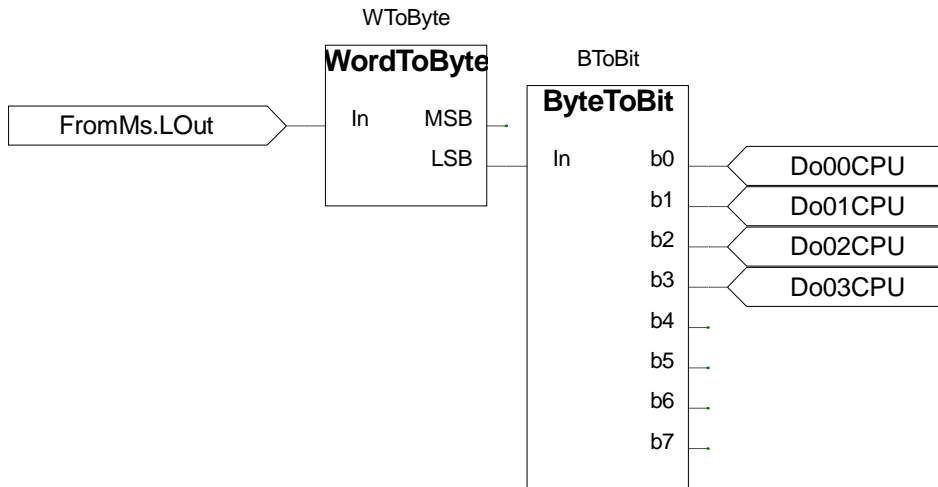
Appoggio ingresso analogico 1 verso master

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Appoggio uscite logiche da master

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	Project : Slave	
	PROGRAM : FBD	
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FUNCTION\_BLOCK BitToByte

(ePLCutyLib\_C000) Merges 8 BOOL variables into a BYTE  
ENCRYPTED CODE

VAR\_INPUT

b0 : BOOL;

b1 : BOOL;

b2 : BOOL;

b3 : BOOL;

b4 : BOOL;

b5 : BOOL;

b6 : BOOL;

b7 : BOOL;

END\_VAR

VAR\_OUTPUT

Out : BYTE; (\* Function result \*)

END\_VAR

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	Project : Slave	
	FUNCTION BLOCK : BitToByte	
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FUNCTION\_BLOCK ByteToWorld

(ePLCutyLib\_C000) Merges 2 BYTE variables into a WORD  
ENCRYPTED CODE

```
VAR_INPUT
MSB : BYTE; (* MSB Value *)
LSB : BYTE; (* LSB Value *)
END_VAR

VAR_OUTPUT
Out : WORD; (* Function result *)
END_VAR
```

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FUNCTION\_BLOCK ByteToBit

(ePLCutyLib\_C000) Splits BYTE variable into 8 BOOL  
ENCRYPTED CODE

```
VAR_INPUT
In : BYTE; (* Input data *)
END_VAR

VAR_OUTPUT
b0 : BOOL; (* Bit 0 result *)
b1 : BOOL; (* Bit 1 result *)
b2 : BOOL; (* Bit 2 result *)
b3 : BOOL; (* Bit 3 result *)
b4 : BOOL; (* Bit 4 result *)
b5 : BOOL; (* Bit 5 result *)
b6 : BOOL; (* Bit 6 result *)
b7 : BOOL; (* Bit 7 result *)
END_VAR
```

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	FUNCTION BLOCK : ByteToBit	
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FUNCTION\_BLOCK WordToByte

(ePLCutyLib\_C000) Splits WORD variable into 2 BYTES  
ENCRYPTED CODE

```
VAR_INPUT  
In : WORD; (* Input data *)  
END_VAR
```

```
VAR_OUTPUT  
MSB : BYTE; (* MSB Result *)  
LSB : BYTE; (* LSB Result *)  
END_VAR
```

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	FUNCTION BLOCK : WordToByte	
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