Process Data

✕ Process Data   .

Process Data

- ProcessData   .
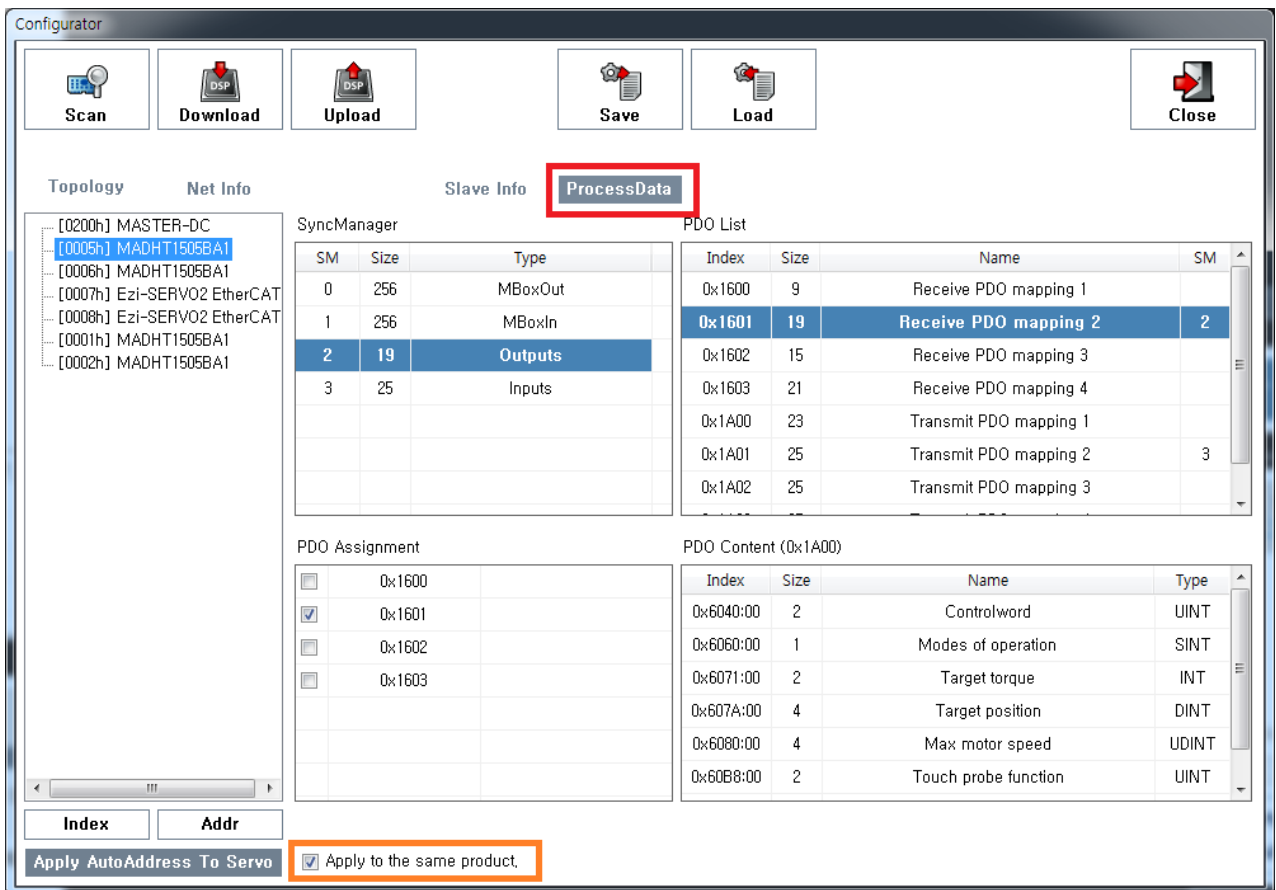
- PDO[1]   Slave   PDO   , Contents   .

<\callout>
<callout type="info" >

- SyncManager   "MBoxOut", "MBoxIn"   [2]   .

- SyncManager   .

SyncManager

SM	Size	Type
0	256	MBoxOut
1	256	MBoxIn
2	9	Outputs
3	25	Inputs

PDO List

Index	Size	Name	SM
0x1600	9	Receive PDO mapping 1	2
0x1601	19	Receive PDO mapping 2	
0x1602	15	Receive PDO mapping 3	
0x1603	21	Receive PDO mapping 4	
0x1A00	23	Transmit PDO mapping 1	
0x1A01	25	Transmit PDO mapping 2	3
0x1A02	25	Transmit PDO mapping 3	
0x1A03	25	Transmit PDO mapping 4	

PDO Assignment

☑	0x1600
☐	0x1601
☐	0x1602
☐	0x1603

PDO Content (0x1A00)

Index	Size	Name	Type
0x6040:00	2	Controlword	UINT
0x6060:00	1	Modes of operation	SINT
0x607A:00	4	Target position	DINT
0x60B8:00	2	Touch probe function	UINT

- "Ouputs" 3) (Process Data) .

- , 4 PDO (RxPDO) 0x1600 PDO .
  - 0x1600 PDO Content Controlword, Modesof operation, Target position, TouchProbe function .
  - , Torque , Torque .

- PDO Assignment RxPDO .

SyncManager				PDO List				
SM	**Size**	**Type**		**Index**	**Size**	**Name**	**SM**	
0	256	MBoxOut		0x1600	9	Receive PDO mapping 1		
1	256	MBoxIn		**0x1601**	**19**	**Receive PDO mapping 2**	**2**	
2	19	Outputs		0x1602	15	Receive PDO mapping 3		
3	23	Inputs		0x1603	21	Receive PDO mapping 4		
				0x1A00	23	Transmit PDO mapping 1	3	
				0x1A01	25	Transmit PDO mapping 2		
				0x1A02	25	Transmit PDO mapping 3		
				0x1A03	25	Transmit PDO mapping 4		

PDO Assignment		PDO Content (0x1A00)			
☐	0x1600	**Index**	**Size**	**Name**	**Type**
☑	0x1601	0x6040:00	2	Controlword	UINT
☐	0x1602	0x6060:00	1	Modes of operation	SINT
☐	0x1603	0x6071:00	2	Target torque	INT
		0x607A:00	4	Target position	DINT
		0x6080:00	4	Max motor speed	UDINT
		0x60B8:00	2	Touch probe function	UINT
		0x60FF:00	4	Target velocity	DINT

- PDO   0x1601   , 0x1601   PDO Content   .
  - 0x1600   Target torque   Max motor speed
                .
  -              , Torque   .

SyncManager

SM	Size	Type
0	256	MBoxOut
1	256	MBoxIn
2	9	Outputs
3	**25**	**Inputs**

PDO List

Index	Size	Name	SM
0x1600	9	Receive PDO mapping 1	2
0x1601	19	Receive PDO mapping 2	
0x1602	15	Receive PDO mapping 3	
0x1603	21	Receive PDO mapping 4	
0x1A00	23	Transmit PDO mapping 1	
0x1A01	**25**	**Transmit PDO mapping 2**	**3**
0x1A02	25	Transmit PDO mapping 3	
0x1A03	25	Transmit PDO mapping 4	

PDO Assignment

☐	0x1A00
☑	0x1A01
☐	0x1A02
☐	0x1A03

PDO Content (0x1A00)

Index	Size	Name	Type
0x603F:00	2	Error code	UINT
0x6041:00	2	Statusword	UINT
0x6061:00	1	Modes of operation display	SINT
0x6064:00	4	Position actual value	DINT
0x606C:00	4	Velocity actual value	DINT
0x6077:00	2	Torque actual value	INT
0x60B9:00	2	Touch probe status	UINT

- "Inputs"   [4)]   (Process Data)   .

- 　　　　　　　　　　　　　　, 4   PDO (TxPDO)   0x1A01 PDO
  　　　　　　　　　　　　　.
  - 　　　　　　　　　　　　　　0x1A01   PDO Content
    　　　　　　　　　　　.
  - 　　　, PDO Content   Torque actual value   torque
    　　　.

- PDO List   PDO   List   list   ,
  PDO Assignment   .

- 　　　　"Apply to the same product"   ,   [5)]
  　　　　.

- RxPDO   TxPDO   xml   .

[1)]

CANopen Process Data Object

[2)]

　　　　　　, 　　　　　　　　　　　Data

[3)]

　　　　　　　　　　　　　　　　　　Data   RxPDO

[4)]

　　　　　　　　　　　　Data   TxPDO

5)
VendorID ProductCode

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