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# Touch Probe Setup

× 터치프로브 사용을 위한 설정 안내 페이지입니다.

## Process Data Setup

- 터치프로브를 사용하기 위해서는 해당 오브젝트가 PDO에 반드시 포함되어야 합니다.
  - PDO에 포함시키는 방법은 **Process Data 변경** 을 참조하시기 바랍니다.
- InPDO 설정
  - SyncManager - Outputs 선택
  - PDO Assignment 탭에서 PDO Contents에 해당 오브젝트(0x60B8)가 포함된 PDO Map 선택(체크)

The screenshot shows the Configurator software interface with the following components:

- Buttons:** Scan, Download, Upload, Save, Load, Close.
- Navigation:** Topology, Net Info, Slave Info, **ProcessData**.
- Topology:** #00 [02FFh] MASTER-DC, #01 [0011h] MADHT1505BA1, #02 [0012h] MADHT1505BA1.
- SyncManager:**

SM	Size	Type	
<input checked="" type="checkbox"/>	0	256	MBoxOut
<input checked="" type="checkbox"/>	1	256	MBoxIn
<input checked="" type="checkbox"/>	2	19	Outputs
<input checked="" type="checkbox"/>	3	25	Inputs
- PDO List:**

Index	Size	Name	SM
0x1600	9	Receive PDO mapping 1	
0x1601	19	Receive PDO mapping 2	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:**

Index	Addr
<input type="checkbox"/>	0x1600
<input checked="" type="checkbox"/>	0x1601
<input type="checkbox"/>	0x1602
<input type="checkbox"/>	0x1603
- PDO Contents (0x1601):**

Index	Size	Name	Type
0x6040:00	2	Controlword	UINT
0x6060:00	1	Modes of operation	SINT
0x6071:00	2	Target torque	INT
0x607A:00	4	Target position	DINT
0x6080:00	4	Max mitor speed	UDINT
0x60B8:00	2	Touch probe function	UINT
0x60FF:00	4	Target velocity	DINT
- Footer:** Index, Addr, Apply AutoAddress To Servo,  Apply to the same product.

- OutPDO 설정
  - SyncManager - Inputs 선택
  - PDO Assignment 탭에서 PDO Contents에 해당 오브젝트(0x60B9등)가 포함된 PDO Map 선택(체크)

Configurator

Scan Download Upload Save Load Close

Topology Net Info Slave Info **ProcessData**

#00 [02FFh] MASTER-DC  
 #01 [0011h] MADHT1505BA1  
 #02 [0012h] MADHT1505BA1

SyncManager

SM	Size	Type
<input checked="" type="checkbox"/>	0	256 MBoxOut
<input checked="" type="checkbox"/>	1	256 MBoxIn
<input checked="" type="checkbox"/>	2	19 Outputs
<input checked="" type="checkbox"/>	3	25 Inputs

PDO List

Index	Size	Name	SM
0x1600	9	Receive PDO mapping 1	
0x1601	19	Receive PDO mapping 2	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

Index	Type
<input type="checkbox"/> 0x1A00	
<input checked="" type="checkbox"/> 0x1A01	
<input type="checkbox"/> 0x1A02	
<input type="checkbox"/> 0x1A03	

PDO Contents (0x1A01)

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
0x60BA:00	4	Touch probe pos1 pos value	DINT

Index Addr

Apply AutoAddress To Servo  Apply to the same product.

- Download 실행

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