

Process Data Setup ..... 1

# Touch Probe Setup

x

## Process Data Setup

- InPDO
    - SyncManager - Outputs
    - PDO Assignment Map ( )
- 가 PDO
- Process Data**
- (0x60B8)가 PDO

**Configurator**

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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**

|                                     |        |
|-------------------------------------|--------|
| <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 motor speed      | UDINT |
| 0x60B8:00 | 2    | Touch probe function | UINT  |
| 0x60FF:00 | 4    | Target velocity      | DINT  |

Index Addr

Apply AutoAddress To Servo  Apply to the same product.

- OutPDO
    - SyncManager - Inputs
    - PDO Assignment Map ( )
- (0x60B9 )가 PDO

Configurator

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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 <b>Inputs</b> |

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        |          |
| <b>0x1A01</b> | <b>25</b> | <b>Transmit PDO mapping 2</b> | <b>3</b> |
| 0x1A02        | 25        | Transmit PDO mapping 3        |          |
| 0x1A03        | 25        | Transmit PDO mapping 4        |          |

PDO Assignment

|                                     |               |
|-------------------------------------|---------------|
| <input type="checkbox"/>            | 0x1A00        |
| <input checked="" type="checkbox"/> | <b>0x1A01</b> |
| <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         |
| <b>0x60B9:00</b> | <b>2</b> | <b>Touch probe status</b>         | <b>UINT</b> |
| <b>0x60BA:00</b> | <b>4</b> | <b>Touch probe pos1 pos value</b> | <b>DINT</b> |

Index Add

Apply AutoAddress To Servo  Apply to the same product.

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