

Case 1 1
Case 2 1
Case 3 2
Case 4 2
Case 5 3

OP

× AIState가 OP-State

Case 1

- Slave Address ,
- Slave Address Slave 가
- , EtherCAT Master가 Address¹⁾ Slave ²⁾가
- Slave

Case 2

- x64 OS 'ComiECatConfig_x64' Configuration x86 Application
- x64 OS 'ComiECatConfig_x64' Configuration ,
 - CEcatNetCfg_#_#.cec³⁾ C:\Windows\System32
- x86 Application c:\Windows\SysWow64
 - x64 Application C:\Windows\System32
- Configuration 가 OP
 - Configuration DeviceLoad Master Device Load x64 Application , x86 Application
- ComiIDE Configuration .
- 'ComiECatConfig_x86' Configuration .
- 'ComiECatConfig_x64' Configuration . 'CEcatNetCfg_#_#.cec'
 - c:\Windows\SysWow64 C:\Windows\System32

Case 3

- ProcessData Assign
- LS MECAPION : SafeOP

Case 4

- PDO Assign

The screenshot shows the COMIZOA EtherCAT Configurator interface. The 'Process Data' tab is active, displaying the following configuration details:

- Select Device Index : 0**
- Net 0** (Selected):
 - ETC #0 ETC 0 (02FFh) (MASTER-DC)
 - SERVO #1 SERVO 0 (000Ah) (AZD4A-KED)**
 - DO #2 DO 0 (*0205h) (ETS-DO32N-M)
- Sync Manager :**

| SM | Size | Type | Flags |
|----------|-----------|----------------|-------|
| 0 | 128 | MboxOut | |
| 1 | 128 | MboxIn | |
| 2 | 38 | Outputs | |
| 3 | 86 | Inputs | |
- PDO List :**

| Index | Size | Name | Flags | SM |
|---------------|------------|------------------------------|-------|----------|
| 0x1600 | 9.0 | Axis1 Receive PDO ... | | 2 |
| 0x1601 | 11.0 | Axis1 Receive PDO ... | | |
| 0x1602 | 7.0 | Axis1 Receive PDO ... | | |
| 0x1603 | 0.0 | Axis1 Receive PDO ... | | |
| 0x1610 | 9.0 | Axis2 Receive PDO ... | | 2 |
| 0x1611 | 11.0 | Axis2 Receive PDO ... | | |
| 0x1612 | 7.0 | Axis2 Receive PDO ... | | |
- PDO Assignment (0x1C12) :**

| | |
|--|--|
| <input checked="" type="checkbox"/> 0x1600 | <input type="checkbox"/> 0x1621 |
| <input type="checkbox"/> 0x1601 | <input type="checkbox"/> 0x1622 |
| <input type="checkbox"/> 0x1602 | <input type="checkbox"/> 0x1623 |
| <input type="checkbox"/> 0x1603 | <input checked="" type="checkbox"/> 0x1630 |
| <input checked="" type="checkbox"/> 0x1610 | <input type="checkbox"/> 0x1631 |
| <input type="checkbox"/> 0x1611 | <input type="checkbox"/> 0x1632 |
| <input type="checkbox"/> 0x1612 | <input type="checkbox"/> 0x1633 |
| <input type="checkbox"/> 0x1613 | <input checked="" type="checkbox"/> 0x1700 |
| <input checked="" type="checkbox"/> 0x1620 | |
- PDO Content (0x1600) :**

| Index | Size | Offs | Name | Type |
|-----------|------|------|------------------|------|
| 0x6040:00 | 2.0 | 0.0 | Controlword | UINT |
| 0x607A:00 | 4.0 | 2.0 | Target position | DINT |
| 0x6060:00 | 1.0 | 6.0 | Modes of oper... | SINT |
| 0x60B8:00 | 2.0 | 7.0 | Touch probe f... | UINT |
| | | 9.0 | | |
- Download**
 - PDO Assignment
 - PDO Configuration

Messages

- [Param] NetID=0, SlaveIdx=0, RegAddr=0012, DataSize=2, pBuf=02FF / [Result] bSuccess=2, / [ErrorCode] 0
- [17:08:25] ecSlv_ReadReg_A0 - COMIZOA Physical Address(Low 2byte, rotary switch
- [Param] NetID=0, SlaveIdx=2, RegAddr=0000, DataSize=1, pBuf=0005 / [Result] bSuccess=3, / [ErrorCode] 0

- EcatConfig PDO Assignment .

```

<Mailbox DataLinkLayer="1">
  <CoE SdoInfo="1" PdoAssign="1" PdoConfig="1" CompleteAccess="0" SegmentedSdo="1" DiagHistory="1">
    <InitCmd>
      <Transition>PS</Transition>
      <Index>#x6060</Index>
      <SubIndex>0</SubIndex>
      <Data>08</Data>
    </InitCmd>
  </CoE>
</Mailbox>

```

- xml : PdoAssign="0" → PdoAssign="1"

Case 5

- ComiEcatConfig 가 , OP
- EcatConfig(2016/03/07) SlaveListMode “ ”
 - Addressing , Scan Index
- 'ComiIDE' Configuration .
- 2016/03/07 EcatConfig .
- 2016/03/07 'EcatConfig' “ ”

1)

2)

3)

Configuration

From:

<http://comizoa.com/info/> - -

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Last update: **2024/07/08 18:22**