| 1. | Comizoa Ser | ial Daemon        |       |       |    | <br> | <br> | <br> | <br> | <br>1 |
|----|-------------|-------------------|-------|-------|----|------|------|------|------|-------|
| 2. |             | Setup             |       |       |    | <br> | <br> | <br> | <br> | <br>1 |
|    | 가           | •                 |       |       |    | <br> | <br> | <br> | <br> | <br>1 |
|    | Eth         | erCAT Master Cont | fiaur | ratic | on | <br> | <br> | <br> | <br> | <br>2 |
|    | Serial Daem | on Licence Kev    | J     |       |    | <br> | <br> | <br> | <br> | <br>2 |
| 3. |             |                   |       |       |    | <br> | <br> | <br> | <br> | <br>2 |
|    | СОМ         | Port              |       |       |    | <br> | <br> | <br> | <br> | <br>2 |
|    |             | Serial Channel    |       |       |    | <br> | <br> | <br> | <br> | <br>3 |
|    |             |                   |       |       |    | <br> | <br> | <br> | <br> | <br>5 |
|    | Mapping     |                   |       |       |    | <br> | <br> | <br> |      | <br>6 |
|    | Mapping     |                   |       |       |    | <br> | <br> | <br> | <br> | <br>6 |
|    | Mapping     |                   |       |       |    | <br> | <br> | <br> | <br> | <br>7 |
|    | Serial      |                   |       |       |    | <br> | <br> | <br> | <br> | <br>9 |

# **Comizoa Serial Daemon**

× Comizoa Serial Daemon

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- × Serial Daemon
- Comizoa EtherCAT

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## 1. Comizoa Serial Daemon

| -Port Ma                | COM Port<br>COM Port<br>COM 5<br>COM 6<br>COM10<br>COM11 | Channel<br>Ch.0(1[0])<br>Ch.1(1[0])<br>Ch.2(1[0])<br>Ch.3(1[0]) | Alias Mode<br>Baudrate<br>115,200<br>115,200<br>57,600<br>57,600 | Port Setting<br>COM Port<br>Serial Channel<br>Baudrate<br>Data Bits<br>Stop Bits<br>Parity<br>Serial Mode | COM 5<br>CH 0(Idx: 1[0])<br>115,200<br>8 Bit<br>1 Bit<br>None<br>RS-232/422 |     |   |
|-------------------------|--|---|--|---|---|-----|---|
|                         |  |   |  | Mapping   | Modify Remo   | ove |   |
| <ul> <li>Ser</li> </ul> | rial Daemo   | n   |  |   | <sup>1)</sup> PDO,SDO   |     | フ |
| ۱۸/:.                   | ndows  |   |  |   | 가   |     |   |



| EtherCAT Master          | Configuration |
|--------------------------|---------------|
| • PCI                    |               |
|                          |               |
| Serial Daemon Licence Ke | y             |
| Serial Daemon            |               |
| Comizoa                  | 가 .           |
| • Seria                  | l Daemon      |
|                          |               |

## 3.

| Serial_Daemon (v1.1.1.3)      |                | <b>—</b> 🗆              | $\times$ |
|-------------------------------|----------------|-------------------------|----------|
| 🗌 Auto Save 🔲 Alias Mode      | Port Setting   |                         |          |
| Port Mapping                  | COM Port       | COM 5                   | -        |
| Num COM Port Channel Baudrate | Serial Channel | COM 5<br>COM 6          | ^        |
|                               | Baudrate       | COM10<br>COM11          |          |
|                               | Data Bits      | COM12<br>COM13<br>COM14 |          |
|                               | Stop Bits      | COM15<br>COM16          |          |
|                               | Parity         | COM17<br>COM18          | ~        |
|                               | Serial Mode    | RS-232/422              | -        |

| ~ 🖗 포    | 트(COM & LPT)                       |
|----------|------------------------------------|
| <b>P</b> | COMIZOA Virtual COM Port 00(COM5)  |
| <b>-</b> | COMIZOA VIItual COM Port 01(COM6)  |
| <b>P</b> | COMIZOA Virtual COM Port 02(COM43) |
| <b>P</b> | COMIZOA Virtual COM Port 03(COM33) |
| <b>P</b> | COMIZOA Virtual COM Port 04(COM18) |
| <b>P</b> | COMIZOA Virtual COM Port 05(COM37) |
| <b>P</b> | COMIZOA Virtual COM Port 06(COM22) |
| <b>P</b> | COMIZOA Virtual COM Port 07(COM40) |
| <b>P</b> | COMIZOA Virtual COM Port 08(COM25) |
| ÷.       | COMIZOA Virtual COM Port 09(COM11) |
| ÷.       | COMIZOA Virtual COM Port 10(COM21) |
| ÷.       | COMIZOA Virtual COM Port 11(COM39) |
| ÷.       | COMIZOA Virtual COM Port 12(COM24) |
| <b>P</b> | COMIZOA Virtual COM Port 13(COM10) |
| <b>P</b> | COMIZOA Virtual COM Port 14(COM28) |
| <b>P</b> | COMIZOA Virtual COM Port 15(COM13) |
| <b>P</b> | COMIZOA Virtual COM Port 16(COM32) |
| <b>P</b> | COMIZOA Virtual COM Port 17(COM16) |
| <b>P</b> | COMIZOA Virtual COM Port 18(COM36) |
| <b>P</b> | COMIZOA Virtual COM Port 19(COM20) |
| <b>P</b> | COMIZOA Virtual COM Port 20(COM31) |
| <b>P</b> | COMIZOA Virtual COM Port 21(COM17) |
| <b>P</b> | COMIZOA Virtual COM Port 22(COM35) |
| (cont    |                                    |
| • 가      | COM Port                           |

| rial_Daemon (v1.1.1.3)        |                | - 🗆 🗙                              |
|-------------------------------|----------------|------------------------------------|
| 🗌 Auto Save 🔲 Alias Mode      | Port Setting   |                                    |
| rt Mapping                    | COM Port       | COM 5 💌                            |
| Num COM Port Channel Baudrate | Serial Channel | CH 0(Idx: 1[0])                    |
|                               | Baudrate       | CH 0(Idx: 1[0])<br>CH 1(Idx: 1[0]) |
|                               | Data Bits      | CH 2(Idx: 1[0])<br>CH 3(Idx: 1[0]) |
|                               | Stop Bits      | CH 4(Idx: 1[0])<br>CH 5(Idx: 1[0]) |
|                               | Parity         | CH 6(Idx: 1[0])<br>CH 7(Idx: 1[0]) |
|                               | Serial Mode    | RS-232/422 •                       |
|                               | Mapping        | Modify Remove                      |

| 2025/08/18 00:57   | 4/10           |                   | Comizoa Serial Daemon |
|--|----------------|-------------------|-----------------------|
| [02FF] Master<br>MASTER-DC<br>Delay : 0<br>[0205] SERIAL<br>ETS-SC08A<br>Delay : 0 |                |                   |                       |
| <ul> <li>ComboBox<br/>Mapping</li> </ul>   |                | ECAT Serial Slave | COM Port              |
| •  | Serial Channel |                   |                       |
| ° {  |                | }(idx:{           | }[{                   |
| •  | 1              | 0                 |                       |

| 🚓 Serial_Daemon (v1.1.1.3)    |                  | - 🗆 🛛                          |
|-------------------------------|------------------|--------------------------------|
| 🗆 Auto Save 🔽 Alias Mode      | Port Setting     |                                |
| Port Mapping                  | COM Port COM     | 5 💌                            |
| Num COM Port Channel Baudrate | Serial Channel   | 0(Addr: 5[0]) 🔻                |
|                               | Baudrate CH C    | (Addr: 5[0])<br>(Addr: 5[0])   |
|                               | Data Bits CH 2   | 2(Addr: 5[0])<br>3(Addr: 5[0]) |
|                               | Stop Bits CH S   | (Addr: 5[0])<br>5(Addr: 5[0])  |
|                               | Parity CH 7      | (Addr: 5[0])                   |
|                               | Serial Mode RS-2 | 32/422 💌                       |
|                               | Mapping Modify   | Remove                         |
|                               |                  |                                |

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| Port Setting<br>COM Port<br>Serial Channel<br>Baudrate | COM 5<br>CH 0(Idx: 1[0])<br>115,200           | •   |
|--|---|---|
| COM Port<br>Serial Channel<br>Baudrate                 | COM 5<br>CH 0(Idx: 1[0])<br>115,200           | •<br>•<br>•   |
| Serial Channel<br>Baudrate                             | CH 0(Idx: 1[0])                               | •   |
| Baudrate   | 115,200                                       |   |
| Data Dita  |   |   |
| Data Bits  | 8 Bit   | •   |
| Stop Bits  | 1 Bit   | •   |
| Parity   | None  | •   |
| Serial Mode  | RS-232/422                                    | •   |
| Mapping  | Modify Remo                                   | ve  |
|  | Stop Bits<br>Parity<br>Serial Mode<br>Mapping | Stop Bits     1 Bit       Parity     None       Serial Mode     RS-232/422       Mapping     Modify |

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## Mapping

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| 🗞 Serial_Daemon (v1.1.1.3)    |                | _         |         | $\times$ |
|-------------------------------|----------------|-----------|---------|----------|
| 🗌 Auto Save 🔲 Alias Mode      | Port Setting   |           |         |          |
| Port Mapping                  | COM Port       | COM 5     |         | •        |
| Num COM Port Channel Baudrate | Serial Channel | CH 0(Idx  | : 1[0]) | -        |
| 1 COM 5 Ch.0(1[0]) 115,200    | Baudrate       | 115,200   |         | •        |
|                               | Data Bits      | 8 Bit     |         | •        |
|                               | Stop Bits      | 1 Bit     |         | •        |
|                               | Parity         | None      |         | •        |
|                               | Serial Mode    | RS-232/42 | 22      | -        |
|                               | Mapping        | Modify    | Remo    | ve       |
| 1                             |                |           |         |          |
| • Mapping                     | Mapping        |           |         |          |

## Mapping

|   |  | uto Savo   | Alize Modo   | Port Settina   |  |          |
|---|--|--|--|--|--|----------|
| ort Ma  | apping —   |  | Ailds Moule  | COM Port   | COM12                                      | <b>_</b> |
| ore ma  | Loons (  |  |  | CONFOR   |  |          |
| Num<br>1                                      | COM 5  | Channel<br>Ch 0(1[0])  | Baudrate   | Serial Channel   | CH 4(Idx:                                  | 1[0]) 🔻  |
| 2   | COM 6  | Ch.1(1[0])   | 115,200  | Baudrate   | 57,600                                     | •        |
| 4   | COM10<br>COM11   | Ch.3(1[0])<br>Ch.3(1[0])   | 57,600   | Data Bits  | 8 Bit                                      | •        |
| 5   | COMIZ  | CII.4(1[0])  | 57,000   | Stop Bits  | 1 Bit                                      | •        |
|   |  |  |  | Parity   | None                                       | •        |
|   |  |  |  | Serial Mode  | RS-485                                     | •        |
|   |  |  |  |  | 1  |          |
| Serial_                                       | Daemon (v1.  | 1.1.3)   |  | Mapping  | Modify<br>                                 | Remove   |
| Serial_<br>Port Ma                            | Daemon (v1.  | 1.1.3)<br>Nuto Save 🔽  | Alias Mode   | Port Setting<br>COM Port   | Modify<br>—<br>COM12                       | Remove   |
| Serial_<br>Port Ma<br>Num                     | Daemon (v1.  | 1.1.3)<br>Nuto Save 🔽<br>Channel   | Alias Mode<br>Baudrate   | Port Setting<br>COM Port<br>Serial Channel   | Modify<br>—<br>COM12<br>CH 4(Add           | Remove   |
| Serial_<br>Port Ma<br>Num<br>1<br>2           | Daemon (v1.  | 1.1.3)<br>uto Save<br>Channel<br>Ch.0(5[0])<br>Ch.1(5[0])                              | Alias Mode<br>Baudrate<br>115,200<br>115,200                     | Port Setting<br>COM Port<br>Serial Channel<br>Baudrate   | Modify<br>—<br>COM12<br>CH 4(Add<br>57,600 | Remove   |
| Serial_<br>Port Ma<br>Num<br>1<br>2<br>3<br>4 | Daemon (v1.<br>Apping<br>COM Port  <br>COM 5<br>COM 6<br>COM10<br>COM11      | 1.1.3)<br>uto Save<br>Channel<br>Ch.0(5[0])<br>Ch.1(5[0])<br>Ch.2(5[0])<br>Ch.3(5[0])  | Alias Mode<br>Baudrate<br>115,200<br>115,200<br>57,600<br>57,600 | Port Setting<br>COM Port<br>Serial Channel<br>Baudrate<br>Data Bits  | Modify<br>                                 | Remove   |
| Serial_<br>Port Ma<br>Num<br>1<br>2<br>3<br>4 | Daemon (v1.<br>P A<br>apping<br>COM Port<br>COM 5<br>COM 6<br>COM10<br>COM11 | 1.1.3)<br>auto Save<br>Channel<br>Ch.0(5[0])<br>Ch.1(5[0])<br>Ch.2(5[0])<br>Ch.3(5[0]) | Alias Mode<br>Baudrate<br>115,200<br>115,200<br>57,600<br>57,600 | Mapping<br>Port Setting<br>COM Port<br>Serial Channel<br>Baudrate<br>Data Bits<br>Stop Bits                          | Modify<br>                                 | Remove   |
| Serial_<br>Port Ma<br>Num<br>1<br>2<br>3<br>4 | Daemon (v1.<br>Papping<br>COM Port<br>COM 5<br>COM 6<br>COM10<br>COM11       | 1.1.3)<br>uto Save<br>Channel<br>Ch.0(5[0])<br>Ch.1(5[0])<br>Ch.2(5[0])<br>Ch.3(5[0])  | Alias Mode<br>Baudrate<br>115,200<br>115,200<br>57,600<br>57,600 | Mapping<br>Port Setting<br>COM Port<br>Serial Channel<br>Baudrate<br>Data Bits<br>Stop Bits<br>Parity                | Modify<br>                                 | Remove   |
| Serial_<br>Port Ma<br>Num<br>1<br>2<br>3<br>4 | Daemon (v1.<br>Papping<br>COM Port<br>COM 5<br>COM 6<br>COM10<br>COM11       | 1.1.3)<br>uto Save<br>Channel<br>Ch.0(5[0])<br>Ch.1(5[0])<br>Ch.2(5[0])<br>Ch.3(5[0])  | Alias Mode<br>Baudrate<br>115,200<br>115,200<br>57,600<br>57,000 | Mapping<br>Port Setting<br>COM Port<br>Serial Channel<br>Baudrate<br>Data Bits<br>Stop Bits<br>Parity<br>Serial Mode | Modify<br>                                 | Remove   |

|              | $\times$ |
|--------------|----------|
| 보를 저장 하시겠습니까 | ?        |
| 예(Y) 아니요(    | V)       |

| Serial_ | Daemon (v1.    | 1.1.3)                   |                    |                | - 🗆             | ×        |
|---------|----------------|--------------------------|--------------------|----------------|-----------------|----------|
|         | I A            | uto Save                 | Alias Mode         | Port Setting   |                 |          |
| ort Ma  | pping          |                          |                    | COM Port       | COM12           | •        |
| Num     | COM Port       | Channel                  | Baudrate           | Serial Channel | CH 0(Idx: 1[0]) | •        |
| 1<br>2  | COM 5<br>COM 6 | Ch.0(1[0])<br>Ch.1(1[0]) | 115,200<br>115,200 | Baudrate       | 57,600          | -        |
| 3<br>4  | COM10<br>COM11 | Ch.2(1[0])               | 57,600             | Data Bits      | 8 Bit           |          |
| 1       | 00411          | Ch.5(1[0])               | 57,000             | Step Bits      | 1.02            |          |
|         |                |                          |                    | Stop Bits      |                 |          |
|         |                |                          |                    | Parity         | None            | <b>_</b> |
|         |                |                          |                    | Serial Mode    | RS-485          | •        |
|         |                |                          |                    | Mapping        | Modify Ren      | nove     |

∘ ∘ Auto Save

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| eriai_t | Daemon (vi.    | 1.1.3)                   |                    | Dort Cotting   |                 | ~    |
|---------|----------------|--------------------------|--------------------|----------------|-----------------|------|
|         |                | uto Save                 | Alias Mode         | Port Setting   |                 |      |
| rt Ma   | pping —        |                          |                    | COM Port       | COM 5           | •    |
| lum     | COM Port       | Channel                  | Baudrate           | Serial Channel | CH 0(Idx: 1[0]) | •    |
|         | COM 5<br>COM 6 | Ch.0(1[0])<br>Ch.1(1[0]) | 115,200<br>115,200 | Baudrate       | 115,200         | -    |
|         | COM10<br>COM11 | Ch.2(1[0])<br>Ch.3(1[0]) | 57,600<br>57,600   | Data Bits      | 8 Bit           | •    |
|         |                |                          |                    | Stop Bits      | 1 Bit           | •    |
|         |                |                          |                    | Parity         | None            | -    |
|         |                |                          |                    | Serial Mode    | RS-232/422      | •    |
|         |                |                          |                    | Mapping        | Modify Remo     | ove  |
|         |                |                          |                    |                |                 |      |
| Info    | o.ini          | Mapping                  | 가                  |                | Mappir          | ng . |

Serial

10/10

|    |    |      | 10- |     |    | [ R<br>-20 | ece<br> | ive  | d D<br>3 | ata<br>0 | ]   |     | 40- |     |    | -56 |      | Com | Po        | rt :       | Seti | ing   | 1 -      |
|----|----|------|-----|-----|----|------------|---------|------|----------|----------|-----|-----|-----|-----|----|-----|------|-----|-----------|------------|------|-------|----------|
|    |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      | Ва  | udr<br>ta | ate<br>Bit | 5    | 8     |          |
|    |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      | St  | ор        | Bit        | 5    | 1     | ~        |
|    |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      | Pa  | rit       | y          |      | None  | Ŧ        |
|    |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      | De  | vic       | e          |      | COM5  |          |
|    |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      |     | RT:       | S          |      | DTR   |          |
|    |    |      |     |     |    | C          | lear    |      |          | Rx       | For | mat |     | HEX |    | Ŧ   | ]    | 0 p | pen       | Сог        | 1    | Clo   | ose Com  |
|    |    |      |     |     |    | [          | Sen     | nd C | ata      | 1]       |     |     |     |     |    |     |      |     |           |            | F    | ormat | Send     |
| 30 | 01 | 02   | 03  | 04  | 05 |            |         |      |          |          |     |     |     |     |    |     |      |     |           |            |      | HEX   | Send     |
| 90 | 01 | 02   | 03  | 04  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | 0C  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         |      | HEX   | Send     |
| 90 | 01 | 02   | 03  | 04  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | ØC  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         |      | HEX   | Send     |
| 90 | 01 | 02   | 03  | 64  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | 0C  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         | _    | HEX   | Send     |
| 30 | 01 | 02   | 03  | 04  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | ØC  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         | _    | HEX   | Send     |
| 0  | 01 | 02   | 03  | 04  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | ØC  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         | _    | HEX   | Send     |
| 30 | 01 | 02   | 03  | 64  | 05 | 06         | 07      | 08   | 09       | ØA       | ØB  | 0C  | ØD  | ØE  | ØF | 10  | 11   | 12  | 13        | 14         | _    | НЕХ   | Send     |
|    |    |      |     |     | :  | Seno       | d Co    | Duni | ter      | 1        |     | 1   | 1   |     |    | Int | erva | al  | 0         | 1          | ms   | E Ad  | Id CR/LF |
| dy |    |      |     |     |    |            |         |      |          |          |     |     |     |     |    |     |      |     |           |            |      |       |          |
| •  | Se | rial | Da  | emo | on | М          | app     | ina  |          |          |     |     |     |     |    | ١   | Nino | dow | 's S      | eria       | I    |       | EtherCA  |

### 1) ETS-SC08A

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Last update: 2024/07/08 18:22