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Nidec

x Nidec EtherCAT Slave

Test

Servo

Summary

- Date : 2020-05-12
- Master : COMI-LX552
- Sample
 - Driver : DB61241
 - Motor : MX201N2LN07
- ESI :
 - VendorID : 0x83C
 - Product Code : 0x20
 - RevisionNo : 0x10403
- CycleTime : 1ms

Condition

- PC
 - CPU : Intel I7-7700
 - MainBoard : SuperMicro X11SSA-F
 - RAM : Samsung 8G
- OS
 - Win7 x64
 - Win10 x64

Test Item : Setup

- XML Parsing
- PDO mapping
- EtherCAT State Machine
 - Init / PreOP / SafeOP / OP

- SyncMode : Distributed Clock
- Configured Station Alias

Test Item : Operation

Cia 402 Drive Profile

- Servo On (Operation Enable / Disable)
- Alarm Reset
- ErrorCode Read
- Speed, Jerk Setup
- Move : CSP Mode
- Homing
 - Homing Speed
- MotionIO
 - Limit, Origin
 - Inposition : Not supported by PDO
- SDO Read / Write
- EEPROM, Register Read / Write

Test Item : ToDo

- Touch Probe
- MotionIO Logic Change over EtherCAT

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