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YASKAWA

x YASAKAWA EtherCAT Slave

Test

SGD7S

Summary

- Date : 2020-04-27
- Master : COMI-LX552
- Sample
 - Driver : SGD7S-R70AA0A
 - Motor : SGM7J-A5A7A21
- ESI : Yaskawa_SGD7S-xxxxA0x.xml
 - VendorID : 0x2200301
 - Product Code : 0x2200301
 - RevisionNo : 0x80003
- CycleTime : 1ms

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
 - Homeing Speed
- MotionIO
 - Limit, Orgin
- SDO Read / Write
- EEPROM, Register Read / Write

ToDo

- Touch Probe
- MotionIO Logic Change over EtherCAT

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