EtherCAT

Motion Coordinator and EtherCAT Interface Modul

Motion Coordinator MC664 /MC664-X Panasonic EtherCAT Interface Module

Features

- Up to 128 Axes
- Servo period 50 μsec minimum (8 axes)
- Precise 64 Bit Motion Calculations with Quad Core Cortex A9 1 GHz Processor (P862)
- Dedicated Communications Core (P862)
- Built-in EtherCAT Port
- EtherCAT, Sercos, SLM and RTEX Digital Drive Interfaces
- Linear, Circular, Helical and Spherical Interpolation
- Flexible CAM shapes, Linked Motion
- EnDAT, BISS and SSI Absolute Encoder Supported
- Hardware Linked Outputs for Camera / Laser Contro

- Ethernet-IP / Modbus TCP / Ethernet Interface Built-In
- Anybus-CC Module for Flexible Factory Comms Including ProfiNet/Profibus
- IEC 61131-3 Programming
- Multi-tasking BASIC Programming
- Text File Handling
- Robotic Transformations
- SD Memory Card Slot
- CANopen + EtherCAT I/O Expansion
- Backlit LCD Display
- RoHS and CE Approved

Motion Coordinator and EtherCAT Interface Module

Motion Coordinator MC6N-ECAT

Features

- Up to 64 EtherCAT Digital Drive Axes
- Supports Position, Speed and Torque Drive Modes
- Up to 1024 EtherCAT I/O
- EtherCAT CoE, SoE, FoE
- Linear, Circular, Helical and Spherical Interpolation
- Flexible CAM shapes, Linked Motion
- Isolated Encoder Port
- EnDAT and SSI Absolute Encoder Supported
- Hardware Linked Output for Camera / Laser Control
- Ethernet-IP / Modbus TCP / Trio ActiveX / TCIP/ Uniplay HMI / UDP / Ethernet Interface Built-In
- 1GHz i.MX7 Dual ARM Cortex A7 Core Process

- IEC 61131-3 Programming
- Multi-tasking BASIC Programming
- Text File Handling
- Robotic Transformations
- 4 high speed registration inputs
- Isolated RS232 and RS485 ports
- SD Memory Card Slot
- EtherCAT I/O Expansion
- CANopen I/O Expansion
- Backlit LCD Display
- RoHS and CE Approved

EtherCAT

Motion Coordinator and EtherCAT Interface Module

Motion Coordinator PC-MCAT Ethercat Master

Features

- Motion + PC Solution for Automation Machinery
- Fanless compact PC with E3845 Quad Core Atom Processor at 1.91 GHz
- Powerful up to 64 Axis EtherCAT Based Trio Motion Coordinator
- RTX64 Real Time Extension to allow Motion + Windows Running Directly on Their Own Processor Cores
- Plug and Play EtherCAT Configuration Expandable Support for Servo Drives, I/O and Devices From Over 100 Manufacturers
- Programmable In Easy Trio BASIC, built-in IEC 61131 or PC based Programming Languages Such As 'C'
- 4 GByte RAM + 64 GByte Upgradable SSD
- Windows Operating System
- Built-in Additional GBit Ethernet Port For Vision Cameras

Application Sample

URL : Sample applications
http://www.triomotion.uk/public/applications/applications.php

Sales area

- United Kingdom
- China
- United States of America
- India

Language

- English

For more information

URL: Specification for the MC664 / MC664-X
http://www.triomotion.uk/public/products/p862.php

URL: Specification for the MC4-N ECAT Mini Master
http://www.triomotion.uk/public/products/p900.php

URL: Specification for the PC-MCAT Ethercat Master
http://www.triomotion.uk/public/products/p760.php

- Contact: **Trio Motion Technology Ltd.**

Shannon Way, Tewkesbury, Gloucestershire, GL20 8ND, United Kingdom TEL : +44-1684-292333 FAX : +44-1684-297929