

INTRODUCTION

Motion Practice Kit is a real-time platform with AXT Motion Controller and VAS Slaves Devices based on EtherCAT communication. The system is equipped motors for motion control, LEDs for digital output display and toggle switches to simulate digital input signals. It is perfect for exciting training and educational activities.

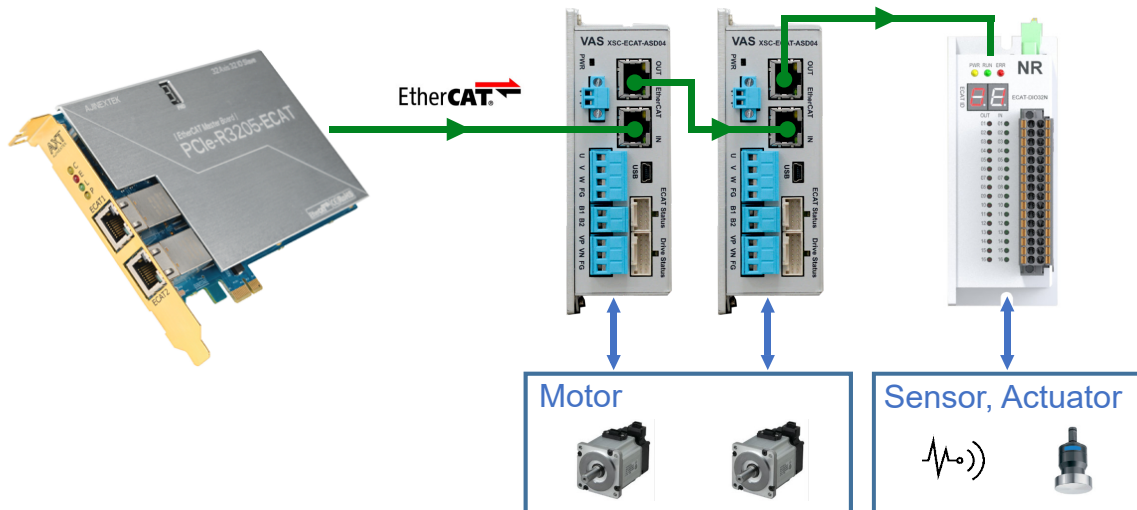
VAS CORPORATION MOTION PRACTICE KIT



AXT EtherCAT Motion Board
PCIe-R1605-ECAT

AC Servo Driver
XSC-ECAT-ASD04

Digital Input/Output
XSC-ECAT-DIO32N



Features

- Easy to test all functions of motion control board by provided EzSoftware.
- Developing motion software by yourself with AXL library in C/C++ or C# language.
- Interpolation and advanced motion functions.

SPECIFICATIONS

AXT EtherCAT Motion Board

PCIe-R1605-ECAT

- Support up to 32 axes and 32 IO slaves
- Servo and step driver support for CiA-402 (DS-402) Device profile
- Up to 64 nodes can be updated from 0.5 ms to 4 ms
- Provide EzSoftware UC software



VAS nEXT1 Servo Driver

XSC-ECAT-ASD04

- Main power supply: 24 ~ 350VDC
- Power Output: 50W - 400W
- Control System: Intelligent module, PWM control
- Communication: EtherCAT



VAS EtherCAT Digital Input/Output


XSC-ECAT-DIO32N

- EtherCAT-based 16/16 channels Digital Input/Output Module
- Load Voltage: 3.5 - 50 VDC
- Maximum output current: 300 mA/channel




VAS CORPORATION

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