

ETG provides new educational tool for developers

The EtherCAT Technology Group (ETG) offers manufacturers, developers and users comprehensive support services for EtherCAT technology. The EtherCAT Device Protocol Poster is an additional tool that specifically helps developers of EtherCAT devices successfully navigate the EtherCAT world.

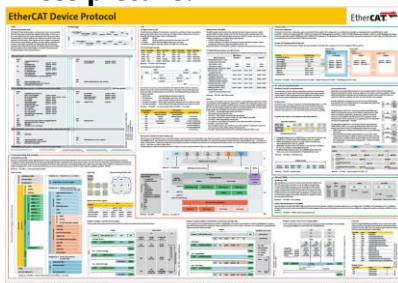
The poster deals with the basics of EtherCAT technology, the EtherCAT Device Protocol (EDP), and provides a visual overview of EtherCAT. It describes the basic functional principles of EtherCAT, the structure of the frame and its processing in the EtherCAT Slave Controller (ESC). Additionally, it provides further information on the registers used by the ESC, the object model and references to relevant specification documents.

The target group for the EDP poster is primarily the developer community, and ETG intends for the document to serve as a basis for extended support for this group. Of course, the poster is also helpful for all who want to delve deeper into the EtherCAT technology. For example, students who want to get a general overview of the technology, will find the document a helpful support tool.

Stephan Köhnen, the EtherCAT expert at ETG who was responsible for the EtherCAT Device Protocol Poster project, explains: “My goal for the poster was to provide EtherCAT device developers a visual basis for a deeper understanding of EtherCAT technology. Comparable to a geographic map, the poster helps to orientate oneself in the EtherCAT world.”

The poster is available for all free of charge, including those without ETG membership, and available in English and Japanese. It is available in printed form in ETG trade fair booths and at ETG seminars. Those who prefer the digital version can access the document free of charge at www.ethercat.org/poster.

Press picture:



Link: https://www.ethercat.org/images/press/etg_012020.jpg

Picture caption:

ETG's EtherCAT Device Protocol poster offers all users of the technology an orientation in the EtherCAT world.

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About EtherCAT Technology Group (ETG):

The EtherCAT Technology Group is an organization in which key user companies from various industries and leading automation suppliers join forces to support, promote and advance the EtherCAT technology. With over 5,690 members from 66 countries the EtherCAT Technology Group has become the largest fieldbus organization in the world. Founded in November 2003, it is also the fastest growing fieldbus organization.

About EtherCAT®:

EtherCAT is the Industrial Ethernet technology which stands for high-performance, low-cost, easy to use with a flexible topology. It was introduced in 2003 and has been an international IEC standard and a SEMI standard since 2007. EtherCAT is an open technology: anyone can implement or use it.

➔ For further information please see: www.ethercat.org

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