Media Release

Modular Multi-axis Motherboard

It doesn't get any easier than this: Define the number of axes for the Motherboard, click, and done.

For the EPOS2 Module 36/2 positioning controller, maxon motor offers a motherboard that can be applied with just a few simple steps to suit drive systems with up to 11 axes. In respect to flexibility and modular design, the EPOS2 Module Motherboard is hard to beat. Whether for experimental purposes or in series production, the motherboard is the cost-effective, ready-to-use solution for multi-axis applications.

The EPOS motor controller family comprises supremely efficient, highly dynamic positioning controllers to operate brushed and brushless DC motors (DC and BLDC). They are designed to extremely efficiently and accurately fulfill most complex positioning tasks. EPOS controllers feature comprehensive functionality and can be put into operation in the simplest way.

The EPOS2 Module 36/2 is designed as plug-in module for OEM system integration. For rapid, uncomplicated product development and to facilitate the customer's motherboard design, maxon motor already offers a starter kit with evaluation board for single axis systems.

In contrast, the described EPOS2 Module Motherboard may be used when design and manufacturing of an own multi-axis motherboard does not pay off, or when a short-term solution must be found. It is available as 1 to 11 axes version and can be adapted to suit as required. Additionally, extensive accessories, such as pre-prepared cables, extension modules for communication, I/Os, or Dual Encoder are also obtainable.

Find details on the EPOS2 Module Motherboard and the EPOS family on the Internet at www.maxonmotor.com.

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The media release is available as download on the Internet: www.maxonmotor.com

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EPOS2 Module Motherboard
with attached EPOS2 Module 36/2

EPOS2 Module Motherboard for four axes

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