

February 5, 2020

## Press Release

### New! Tiny motor controller from maxon.

**maxon are pleased to introduce a new miniature positioning controller, the EPOS4 Micro 24/5 CAN for single and multi-axis applications. At 32mm x 22mm don't judge the size of the controller, with performance near identical to the larger positioning controllers within its family.**

Addressing cost-sensitive applications, maxon have created a miniature motor controller that packs some serious punch – the EPOS4 Micro 24/5 CAN. The functionality, operation, software, and accessories of the new controller duplicate the existing range of EPOS4 products. Suitable for use with both brushed DC and brushless EC motors (BLDC) of up to 120 W the motor controller has comprehensive feedback options such as Hall sensors, as well as digital incremental and SSI absolute encoders. State-of-the art concepts such as Dual Loop, Field Oriented Control (FOC), feed forward, and observer control allow optimal control in a wide variety of applications.

The existing digital and analog inputs and outputs are configurable and ideally matched to the numerous functions and operating modes of the CiA-402 positioning controller. The intuitive EPOS Studio start-up software, as well as libraries and programming examples for integration in a wide variety of master systems, are available free of charge and make operation as easy as possible. A plug-and-play EvaluationBoard (EB) is provided for initial commissioning. The offer is rounded out by a comprehensive scope of accessories and detailed product documentation.

The first derivative of this new micro design is the CANopen version, which can also be addressed via RS232 or USB, as usual. In Autumn 2020, the EPOS4 Micro 24/5 EtherCAT will follow as a second product of similarly small size.

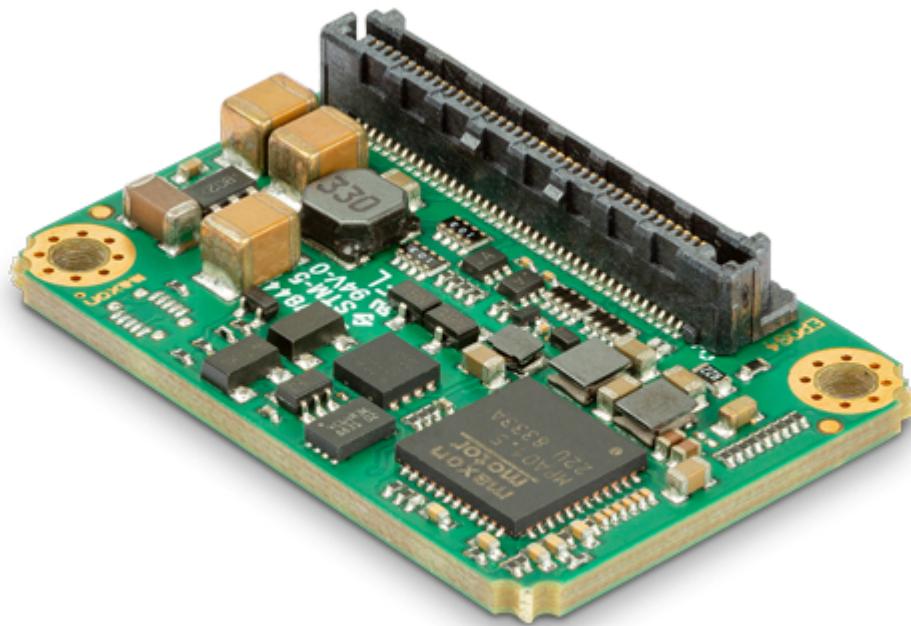
Visit [epos.maxongroup.com](https://epos.maxongroup.com) for the latest updates about EPOS and individual devices, EPOS Studio, as well as all downloads and technical documentation.

maxon motor Australia tel. +61 2 9457 7477.

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Length of this update: 301 words

The press release is available on the internet at: [www.maxongroup.net.au](https://www.maxongroup.net.au)



*The new EPOS4 Micro 24/5 motor controller  
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**maxon motor Australia Pty Ltd**  
Unit 1, 12-14 Beaumont Road  
Mt Kuring-Gai NSW 2080

Tel: +61 2 9457 7477  
[sales.au@maxongroup.com](mailto:sales.au@maxongroup.com)  
[www.maxongroup.net.au](http://www.maxongroup.net.au)  
Twitter @maxongroupAus

#### **The Swiss specialist for quality drives**

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.