Data Sheet CODESYS Control for emPC-A/iMX6 Multicore SL

The CODESYS Control for emPC-A/iMX6 Multicore SL is an extension of the CODESYS Control for emPC-A/iMX6 SL, an adapted CODESYS Control runtime system for the real-time capable industrial controller emPC-A/iMX6 from Janz Tec AG.

Product description

Licensing:

Single Device License

CODESYS Control for emPC-A/iMX6 Multicore SL extends an existing emPC-A/iMX6 controller from Janz Tec AG, on which CODESYS Control for emPC-A/iMX6 SL is installed, to a multicore (MC) high-performance PLC. This can process its IEC application specifically on multiple CPU cores. The system is suitable for applications with demands on the real-time behavior.

Benefits

- Extension of CODESYS Control for emPC-A/iMX6 SL for multicore support (all CPUs)
- Extension of the CODESYS Development System for binding individual IEC applications to different CPU cores
- Debugging of the multicore application within CODESYS

Fieldbus support

The fieldbuses of CODESYS Control for emPC-A/iMX6 SL are supported in single-core operation.

Product options

None

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General information

Supplier:

CODESYS GmbH

Memminger Strasse 151

87439 Kempten

Germany

Support:

https://support.codesys.com

This product includes a CODESYS Support Ticket, i.e. 1 hour of support of CODESYS. More details can be found in the CODESYS Store product: CODESYS Support Ticket.

Item:

CODESYS Control for emPC-A/iMX6 Multicore SL

Item number:

2302000037

Sales:

CODESYS Store

https://store.codesys.com

Included in delivery:

- License Key

System requirements and restrictions

Programming System	CODESYS Development System V3.5.17.0 or higher
Runtime System	CODESYS Control for emPC-A/iMX6 SL V4.1.0.0 or higher
Supported Platforms/ Devices	Janz Tec emPC-A/iMX6 Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).
Additional Requirements	Installation of CODESYS Control for emPC-A/iMX6 SL
Restrictions	-
Licensing	Single Device License: The license can be used on the target device/PLC on which the CODESYS Runtime System is installed. Licenses are activated on a software-based license container (soft container), which is permanently connected to the controller. Alternatively the license can be stored on a CODESYS Key (USB-Dongle). By replugging the CODESYS Key, the license can be used on any other controller Note: In demo mode, the software runs for two hours without a license. After that, a manual restart is required.
Required Accessories	Optional: CODESYS Key

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.