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Press Release

port GmbH offers for ST's MUCs STM32F1xx / STM32F2xx and STM32F4xx complete CANopen Support

port GmbH completes the support for 32 Bit ARM Cortex MCU's by STMicroelectronics.

The *CANopen Library* by port GmbH operates based on the communication profile CiA 301 V4.2 of the CiA e.V. "CANopen Application Layer and Communication Profile" resp. EN50325-4 and offers the corresponding services. The Library is created completely in ANSI-C and can be used with any ANSI-C compatible compiler.

As per required functionality the *CANopen Library* is available in different versions. For creating small Sensors or Actuators with limited CANopen functionality the price-wise attractive *Slave Small*-version is available. Beside the limitation of the number of usable services, the CANopen services SYNC and TIME are not available.

The regular *Slave*-version of the *CANopen Library* provides all services to create a complete slave, while network management Master functionality as well as comfortable node supervising functionalities are available in the *Master/Slave*-version, which carries also all services of the *Slave*-version.

The *CANopen Library* now supports STM32F1xx / STM32F2xx and STM32F4xx completely. The driver for Single- and Multiline-functionality are available as well as for BASIC- and FULL CAN MODE.

All drivers are supported by the CDT (CANopen Design Tool). By using the CDT, the engineer has a tool available to reduce the development effort and the time-to-market significantly.

For many STM32Fxx MCUs a CANopen Bootloader by port GmbH is available.



About port GmbH

port GmbH was founded in 1990 and has very quickly contributed to the CANopen community.

Having provided its CANopen protocol stack for many years, port GmbH created a POWERLINK protocol stack and an EtherCAT protocol stack as well. Youngest, but the same solid member in port's product portfolio is the PROFINET protocol stack for 32-bit microcontroller and PC-based Linux and MS-Windows systems.

Upon request port GmbH guides its customers through implementation, test, approval and market initiation processes. To meet customer expectations and to provide products, support and engineering services all over the world, port GmbH has existing partnership agreements and distribution contracts with companies in Germany, Europe and the USA. Port's experience within the business sector are incorporated into port's products for the benefit of its customers.

By meeting and exceeding the high technical quality standards of the customers all around the world, port's software products have reached an advanced level of functionality. To meet the high quality requirements of products and services and to guarantee this quality for the customers, port GmbH works with a process management system.

Port GmbH has been ISO 9001 certified since 1999.

Further information can be found at: www.port.de / service@port.de