Microcontroller news from ST

September 2016

Discover the extended capabilities of high-performance Access line STM32F4 MCUs

The STM32F412 Discovery kit (32F412GDISCOVERY) comes with an Access line STM32F412 microcontroller from ST's high-performance STM32F4 series in a 144-pin LQFP package. The board comes loaded with a color touchscreen, joystick, stereo MEMS microphones, external memory capabilities, full-speed OTG USB interface, and more! Developers will appreciate its embedded ST-LINK/V2 in-circuit debugger/programmer as well as the Arduino™ Uno and expansion connectors for specialized add-on boards. Read more

Prototype augmented IoT solutions with STM32 MCUs and LoRa™

The P-NUCLEO-LRWAN1 STM32 Nucleo Pack is the easiest and most affordable way to prototype solutions based on LoRa™ and/or FSK/OOK technologies. The kit combines an ultra-low-power STM32L0 MCU (ARM® Cortex®-M0+) Nucleo-64 development board and a Semtech Arduino™ SX1272MB2DAS board. The Arduino connectivity and ST morpho headers make it easy to expand the functionality of the Nucleo ODE with a wide choice of shields. A certified LoRaWAN stack (I-CUBE-LRWAN) is also available. Read more

Ultra-low-power STM8AL now available in tiny VFQFPN32 package

Looking for an automotive-grade microcontroller with a low-power voltage mode, 32 Kbytes of program Flash memory and housed in a small package? Discover our STM8AL ultra-low-power devices that are now available in a tiny 32-pin VFQFPN package. These MCUs come with a comprehensive set of peripherals and are the perfect choice for space-constrained applications. STM8AL MCUs perfectly serve the need for increasingly less power in car body applications. Read more

Recent blog post

Wireless Low Power WANS: An Internet of "Things" Spread Across a City

Amsterdam is known internationally as a charming city of canals, pastry shops, and Van Goghs. But thanks to its early adoption of a new networking standard, it may also soon be known as a test bed for a breakthrough technology that will extend Internet connectivity beyond computers and mobile phones, taking it into the untold millions of small mechanical and electrical devices that surround us every day. Read more

Featured video

Create stunning 3D graphics in everyday electronic devices

This video showcases Daupner's TouchGFX graphics framework used to create advanced GUIs on ST's scalable, high-performance

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Seminars & conferences

STM32 Development Ecosystem hands-on workshop
Sep 13 to Dec 6, 2016
EMEA

SENSational IoT seminar
Sep 13 to Nov 8, 2016
USA & Canada

ST Developers Conference 2016
Oct 4, 2016
Santa Clara, CA (USA)

Webinars & online courses

STM32Cube basics: online course with hands-on exercises
May 12, 2016 - Dec 30, 2017

NFC online course
Sep 1, 2016 to Dec 31, 2017

STM32 MCU portfolio, releasing up to 96% of the main core processing capability. TouchGFX includes an integrated high-quality text rendering tool and can manage semi-transparent images as well as smartphone touch gestures and animations with sub-pixel precision. It's the perfect one-chip platform for maximum UI performance including the use of voice commands. Watch now

STM32F7 online course
Sep 1, 2016 to Dec 31, 2017

Events

ARM TechCon 2016
Oct 25-28, 2016
Santa Clara, CA (USA)