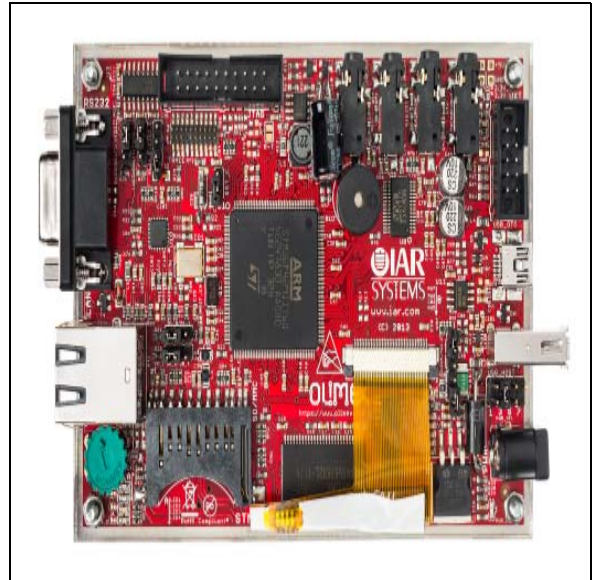## IAR™ starter kit for STM32 F4 series - with STM32F429II MCU

Data brief

Features

STM32F429 evaluation board features:

- MCU
  - STM32F429II Cortex™-M4 CPU with FPU - 180 MHz, 2 MB Flash, 256K SRAM
- User interface
  - 4 status LEDs
  - Joystick
  - Audio – microphone and headphone jack
  - User buttons, reset button
  - 4"3 touch screen color LCD
- Debug interface
  - JTAG/SWD connector 20 pin 0.1"
  - Trace connector 20 pin 0.05"
- Communication interface
  - 2x USB connectors
  - RS232 – DB9 connector
  - Ethernet
  - UXT connector
- Multiple power supply options
  - JTAG/SWD (pin 19)
  - USB
  - external power jack
  - Trace connector (pins 11 & 13)
- Power supply LED
- Others
  - SD card slot
  - SPI Flash memory
  - Temperature snsor
  - 3-axis accelerometer
- Buzzer

Description

The IAR KickStart Kit™ is a complete, cost-effective solution for starting application development and evaluating the STMicroelectronics STM32 F4 series ARM Cortex-M4 core-based microcontrollers.

It contains all the necessary hardware and software and allows you to design, start to develop, integrate and test your applications, right out of the box:

- Evaluation board with STM32F429II MCU
- IAR Embedded Workbench® for ARM evaluation editions
- IAR visualSTATE® evaluation edition
- J-Link-Lite debug probe

IAR KickStart kits are available for a full range of ST ARM core-based microcontrollers.

1 Ordering information

IAR KickStart kits can be ordered from IAR or from your nearest ST distributor or sales office.

ST order code: STM3242I-SK/IAR.

For more information and complete documentation, please refer to the IAR web site, www.iar.com or the STMicroelectronics microcontroller support site on www.st.com.

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
29-Nov-2013	1	Initial version.

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