

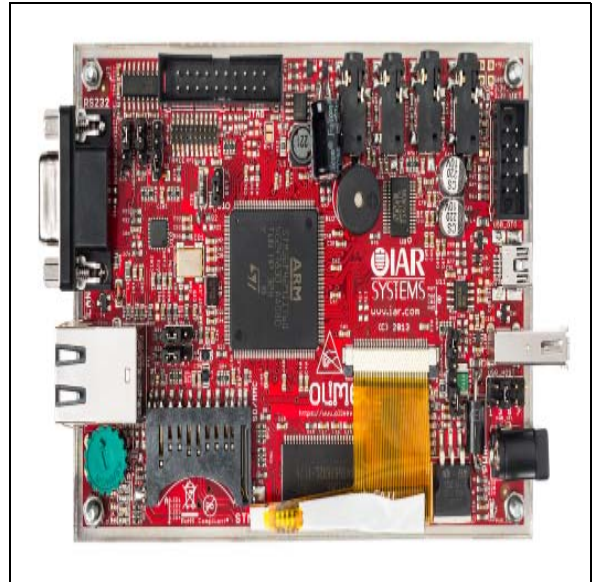
IAR™ starter kit for STM32 F4 series - with STM32F429II MCU

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 snsr
 - 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.

Please Read Carefully:

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND/OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

ST PRODUCTS ARE NOT DESIGNED OR AUTHORIZED FOR USE IN: (A) SAFETY CRITICAL APPLICATIONS SUCH AS LIFE SUPPORTING, ACTIVE IMPLANTED DEVICES OR SYSTEMS WITH PRODUCT FUNCTIONAL SAFETY REQUIREMENTS; (B) AERONAUTIC APPLICATIONS; (C) AUTOMOTIVE APPLICATIONS OR ENVIRONMENTS, AND/OR (D) AEROSPACE APPLICATIONS OR ENVIRONMENTS. WHERE ST PRODUCTS ARE NOT DESIGNED FOR SUCH USE, THE PURCHASER SHALL USE PRODUCTS AT PURCHASER'S SOLE RISK, EVEN IF ST HAS BEEN INFORMED IN WRITING OF SUCH USAGE, UNLESS A PRODUCT IS EXPRESSLY DESIGNATED BY ST AS BEING INTENDED FOR "AUTOMOTIVE, AUTOMOTIVE SAFETY OR MEDICAL" INDUSTRY DOMAINS ACCORDING TO ST PRODUCT DESIGN SPECIFICATIONS. PRODUCTS FORMALLY ESCC, QML OR JAN QUALIFIED ARE DEEMED SUITABLE FOR USE IN AEROSPACE BY THE CORRESPONDING GOVERNMENTAL AGENCY.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners.

© 2013 STMicroelectronics - All rights reserved

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan - Malaysia - Malta - Morocco - Philippines - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com

