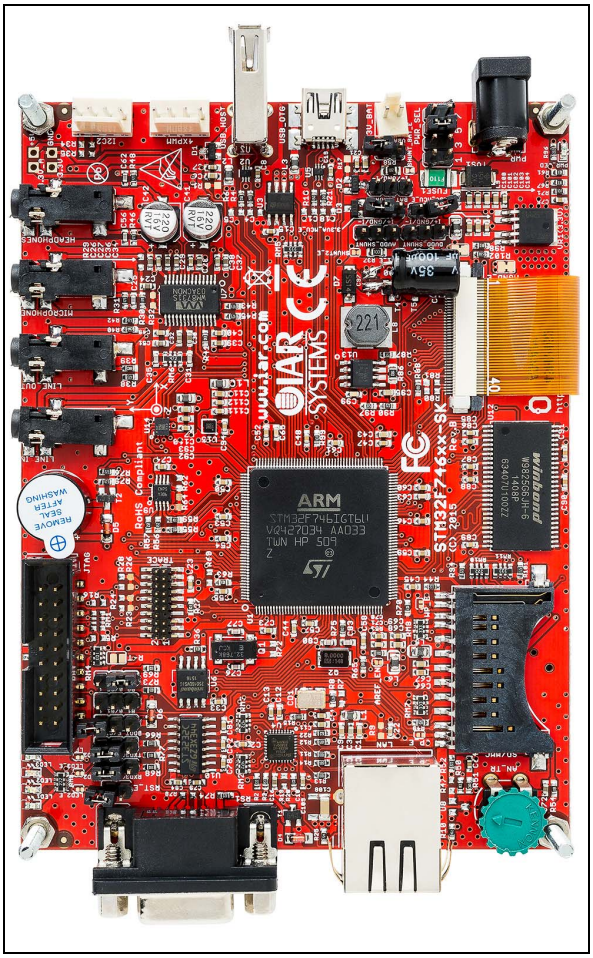
STM3274G-SK/IAR

IAR™ starter kit for STM32F7 Series with STM32F746IG MCU

Data brief

Features

- MCU
  - STM32F746IG Cortex®-M7 CPU with FPU 216 MHz, Art accelerator, 1 Mbyte of Flash memory, 320 Kbytes of SRAM
- User interface
  - 4 status LEDs
  - Joystick
  - Audio microphone and headphone jack
  - User button, 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
  - RS-232 DB9 connector
  - Ethernet
- Power functions (including multiple power supply options):
  - JTAG/SWD (pin 19)
  - USB
  - External power jack
  - Trace connector (pins 11 & 13)
  - Power supply LED
  - Comparator



1. Picture not contractual.

- Others
  - SD card slot
  - 16 Mbit of QSPI Flash memory
  - 256 Mbit of SDRAM
  - Temperature sensor
  - 3D accelerometer & 3D gyroscope
  - 3D magnetometer
  - Buzzer

1 Description

The IAR™ starter kit is a complete, cost-effective solution for starting application development and evaluating the STMicroelectronics STM32F7 Series ARM® Cortex®-M7 core-based microcontrollers.

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

- Evaluation board with STM32F746IG MCU
- J-jet-Lite debug probe
- Software tools, project examples and documentation, included in the DVD installation

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

2 Ordering information

To order the IAR™ starter kits from IAR™, from your nearest ST distributor or sales office, use the order code: STM3274G-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*.

3 Revision history

Table 1. Document revision history

Date	Revision	Changes
15-Sep-2015	1	Initial release.

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