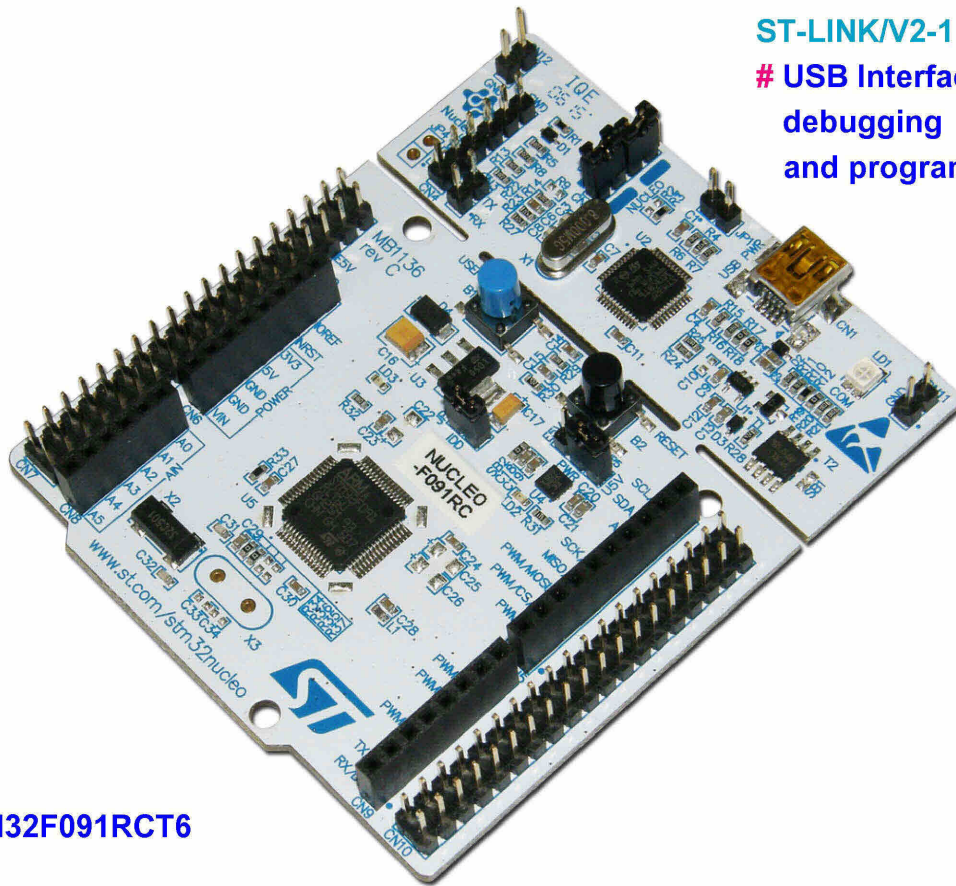# NUCLEO-F091RC
(C-YA-A-00208) ***

ST-LINK/V2-1
USB Interface for
debugging
and programming

MCU # STM32F091RCT6

This STM32 Development Kit from ST is in the series of Cortex-M0 MCU; this inexpensive board has a part of DEBUG and DOWNLOAD on Board.

- In the part of DOWNLOAD and DEBUG, it is ST-LINK V2-1 to download program and debug through PORT USB MINI; moreover, there is Connector SWD to download/debug MCU outside board.
- Use inexpensive MCU Cortex-M0 No.STM32F091RCT6, 256 KBYTE FLASH, 32 KBYTE ARM, and including CAN, I2C, IRDA, LIN, SPI, UART, A/D 12 BIT, D/A 12 BIT, 52 I/O
- There are 2 types of Connector I/O as follows;
  - ARDUINO UNO 32 PIN
  - 2 of ST MICRO as PIN HEADER 19x2; there is PIN HEADER both on PCB and under PCB
- Use Power Supply from Connector USB or connect with external Power Supply 3.5V, 5V, 7-12VDC through PIN HEADER
- 3-LED, 2-SW for use and RESET
- PCB size: 7.00 x 8.25 cm.
- Connector USB MINI Type can be connected with computer (This CABLE USB is not included in the package (OPTION); CABLE USB TO 5P MINI (A-CB-A-00044))