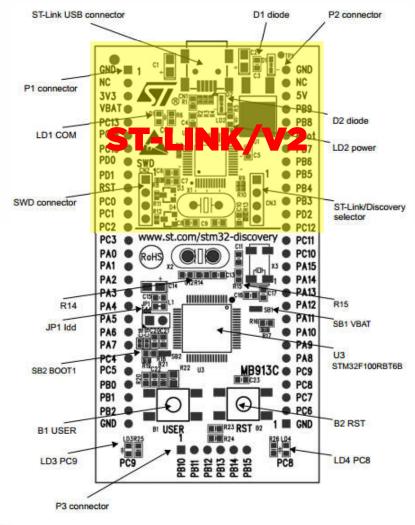


### **STM32 F1 Value Line Discovery Kit**





### STM32 F1 Value Line Discovery Kit - Pin Mapping



### Fitur STM32 F1 Value Line Discovery Kit

- STM32F100RBT6B microcontroller, 128 KB Flash memory, 8 KB RAM in 64-pin LQFP
- On-board ST-LINK with selection mode switch to use the kit as a stand-alone ST-LINK (with SWD connector)
- Designed to be powered by USB or an external supply of 5 V or 3.3 V
- Can supply target application with 3 V and 5 V
- Two user LEDs (PC8 Blue and PC9-Green)
- One user push-button
- Extension header for all QFP64 I/Os for quick connection to prototyping board or easy probing
- Comprehensive free software including a variety of examples, part of STSW-STM32078 package



# Kebutuhan Sistem - STM32 F1 VL Discovery Kit

- Komputer Windows (XP, 7, 8, 10)
- Kabel USB type A to mini-B



### **Software Development - STM32 F1 VL Discovery Kit**

- IAR Embedded Workbench® for ARM®
- Keil<sup>®</sup> MDK-ARM™
- GCC-based IDE (ARM® Atollic® TrueSTUDIO®)
- CooCox CoIDE (Free)
- STM32CubeIDE (Free)



### **Support untuk STM32 F1 VL Discovery Kit**

1. STM32 VL Discovery Development Kit

https://www.st.com/en/evaluation-tools/STM32 VL Discovery .html?sc=STM32 VL Discovery

2. STM32 VL Discovery Development Kit Databrief

https://www.st.com/resource/en/data brief/STM32 VL Discovery .pdf

3. UM0919 - User Manual STM32 VL DISCOVERY STM32 value line Discovery

https://www.st.com/content/ccc/resource/technical/document/user\_manual/f3/16/fb/63/d6/3d/45/aa/CD00267113.pdf/files/CD00267113.pdf/jcr:content/translations/en.CD00267113.pdf



#### Support untuk ST-Link/V2 di STM32 F1 VL Discovery Kit

1. STM32 ST-LINK utility (GUI for download program process)

https://www.st.com/content/st\_com/en/products/development-tools/software-development-tools/stm32-software-development-tools/stm32-programmers/stsw-link004.html

2. ST-Link/V2 Firmware

https://www.st.com/content/st\_com/en/products/development-tools/software-development-tools/stm32-software-development-tools/stm32-programmers/stsw-link007.html

3. ST-LINK/V2 USB driver (for Windows7/8/10)

https://www.st.com/content/st\_com/en/products/development-tools/software-development-tools/stm32-software-development-tools/stm32-utilities/stsw-link009.html



# Terima kasih

