OTHER NUCLEO BOARDS

The following list contains other low-cost Nucleo boards. Many of these boards can be used for the programming examples. Some require minor changes in the examples.

For example, when the engineers at STMicroelectronics designed the NUCLEO-G070RB, they added two LEDs and changed the number of the user LED from LED2 to LED4. They also moved some bits around in the UART. The sample programs do work if you take these changes list below into account.

Boards in the same family (for example, F030R8, F070RB, F072RB, and F091RC) should work as the only difference between them is the amount of memory and some additional peripherals that we don't use.

I've tested the examples on all the boards I have. I've compiled examples for others, and they compile, but I've been unable to test. As I get access to additional boards, I'll be updating this list.

NUCLEO-F030R8   Book was written for this.

NUCLEO-F070RB   Should work with unmodified examples; untested.

NUCLEO-F072RB   Should work with unmodified examples; untested.

NUCLEO-F091RC   Tested with unmodified examples.

N O T E   *Because memory size is different, some linker scripts look different.*

NUCLEO-F103RB   Not recommended.

NUCLEO-F302R8   Requires changing `GPIO_AF1_USART2` to `GPIO_AF7_USART2`; untested.

NUCLEO-F303RE   Should be the same as F302R8; untested.

NUCLEO-F334R8   Should be the same as F302R8; untested.

NUCLEO-F401RE   Not recommended.

NUCLEO-F410RB   Not recommended.

NUCLEO-F411RE   Not recommended.

NUCLEO-F446RE   Not recommended.

NUCLEO-G070RB   Requires minor code changes. See *https://www.st.com/en/evaluation-tools/nucleo-g070rb.html*; tested.

NUCLEO-G071RB See *https://www.st.com/en/evaluation-tools/nucleo-g071rb.html* for possible changes; untested.

NUCLEO-G0B1RE See *https://www.st.com/en/evaluation-tools/nucleo-g0b1re.html* for possible changes; untested.

NUCLEO-G431RB Need to change `GPIO_AF1_USART2` to `GPIO_AF7_USART2`; untested.

NUCLEO-G474RE Need to change `GPIO_AF1_USART2` to `GPIO_AF7_USART2`; untested.

NUCLEO-G491RE Need to change `GPIO_AF1_USART2` to `GPIO_AF7_USART2`; untested.

NUCLEO-L010RB Need to change `GPIO_AF1_USART2` to `GPIO_AF4_USART2`; untested.

NUCLEO-L053R8 Need to change `GPIO_AF1_USART2` to `GPIO_AF4_USART2`; untested.

NUCLEO-L073RZ Need to change `GPIO_AF1_USART2` to `GPIO_AF4_USART2`; untested.

NUCLEO-L152RE Not recommended.

NUCLEO-L412RB-P Change `LED2` to `LED4`. Change `GPIO_AF1_USART2` to `GPIO_AF3_USART2`. Should work; untested.

NUCLEO-L433RC-P Change `LED2` to `LED4`. Change `GPIO_AF1_USART2` to `GPIO_AF3_USART2`. Should work; untested.

NUCLEO-L452RE Change `LED2` to `LED4`. Change `GPIO_AF1_USART2` to `GPIO_AF3_USART2`. Should work; untested.

NUCLEO-L452RE-P Change `LED2` to `LED4`. Change `GPIO_AF1_USART2` to `GPIO_AF3_USART2`. Should work; untested.

NUCLEO-L476RG Change `LED2` to `LED4`. Change `GPIO_AF1_USART2` to `GPIO_AF3_USART2`. Should work; untested.