Dö dokumentáció

Típus: **STM32F334R8T6**

Datasheet: <https://www.st.com/content/ccc/resource/technical/document/user_manual/98/2e/fa/4b/e0/82/43/b7/DM00105823.pdf/files/DM00105823.pdf/jcr:content/translations/en.DM00105823.pdf>

Hőmérsékletszenzor: Aosong DHT11

Datasheet: <https://www.mouser.com/ds/2/758/DHT11-Technical-Data-Sheet-Translated-Version-1143054.pdf>

UART kommunikáció példa:

https://simonmartin.ch/resources/stm32/dl/STM32%20Tutorial%2003%20-%20UART%20Communication%20using%20HAL%20(and%20FreeRTOS).pdf

*Ha „Failed download Cortex M4” akkor: flash, configure flash tools, utilities, settings, és ott hozzá kell adni*

GPIO\_Output : PC8-as port (jobb-felső sarok)

T\_sensor\_DATA

**LED**

**Led nem világít amíg le van nyomva a gomb:**

while (1)

{

if(HAL\_GPIO\_ReadPin(B1\_GPIO\_Port, B1\_Pin))

HAL\_GPIO\_WritePin(GPIOA, GPIO\_PIN\_5, GPIO\_PIN\_SET);

else

HAL\_GPIO\_WritePin(GPIOA, GPIO\_PIN\_5, GPIO\_PIN\_RESET);

}

**Led vált ha lenyomod a gombot**

int buffer =0;

int temp;

while (1)

{

//HAL\_GPIO\_TogglePin(GPIOA, GPIO\_PIN\_5);

temp = HAL\_GPIO\_ReadPin(B1\_GPIO\_Port, B1\_Pin);

if(temp ==1 && buffer ==0)

HAL\_GPIO\_TogglePin(GPIOA, GPIO\_PIN\_5);

buffer = temp;

}

}