

**C Preprocessor symbols define :**

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| BLE\_STACK\_SUPPORT\_REQD \_\_HEAP\_SIZE=0 NRF51422 BOARD\_PCA10028 S130 NRF\_SD\_BLE\_API\_VERSION=2 BSP\_UART\_SUPPORT NRF51 SOFTDEVICE\_PRESENT SWI\_DISABLE0 |

**Compiler control string :**

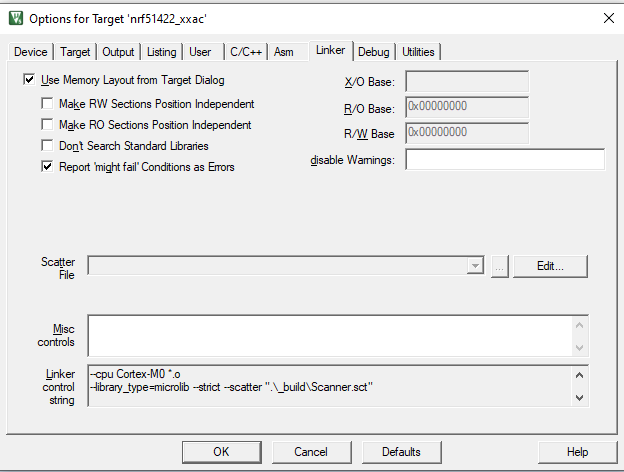
|  |
| --- |
| -c --cpu Cortex-M0 -D\_\_MICROLIB -g -O0 --apcs=interwork --split\_sections -I ../../../config/ble\_app\_uart\_c\_pca10028\_s130 -I ../../../config -I ../../../../../../components -I ../../../../../../components/ble/ble\_advertising -I ../../../../../../components/ble/ble\_db\_discovery -I ../../../../../../components/ble/ble\_dtm -I ../../../../../../components/ble/ble\_racp -I ../../../../../../components/ble/ble\_services/ble\_ancs\_c -I ../../../../../../components/ble/ble\_services/ble\_ans\_c -I ../../../../../../components/ble/ble\_services/ble\_bas -I ../../../../../../components/ble/ble\_services/ble\_bas\_c -I ../../../../../../components/ble/ble\_services/ble\_cscs -I ../../../../../../components/ble/ble\_services/ble\_cts\_c -I ../../../../../../components/ble/ble\_services/ble\_dfu -I ../../../../../../components/ble/ble\_services/ble\_dis -I ../../../../../../components/ble/ble\_services/ble\_gls -I ../../../../../../components/ble/ble\_services/ble\_hids -I ../../../../../../components/ble/ble\_services/ble\_hrs -I ../../../../../../components/ble/ble\_services/ble\_hrs\_c -I ../../../../../../components/ble/ble\_services/ble\_hts -I ../../../../../../components/ble/ble\_services/ble\_ias -I ../../../../../../components/ble/ble\_services/ble\_ias\_c -I ../../../../../../components/ble/ble\_services/ble\_lbs -I ../../../../../../components/ble/ble\_services/ble\_lbs\_c -I ../../../../../../components/ble/ble\_services/ble\_lls -I ../../../../../../components/ble/ble\_services/ble\_nus -I ../../../../../../components/ble/ble\_services/ble\_nus\_c -I ../../../../../../components/ble/ble\_services/ble\_rscs -I ../../../../../../components/ble/ble\_services/ble\_rscs\_c -I ../../../../../../components/ble/ble\_services/ble\_tps -I ../../../../../../components/ble/common -I ../../../../../../components/ble/nrf\_ble\_qwr -I ../../../../../../components/ble/peer\_manager -I ../../../../../../components/boards -I ../../../../../../components/device -I ../../../../../../components/drivers\_nrf/adc -I ../../../../../../components/drivers\_nrf/clock -I ../../../../../../components/drivers\_nrf/common -I ../../../../../../components/drivers\_nrf/comp -I ../../../../../../components/drivers\_nrf/delay -I ../../../../../../components/drivers\_nrf/gpiote -I ../../../../../../components/drivers\_nrf/hal -I ../../../../../../components/drivers\_nrf/i2s -I ../../../../../../components/drivers\_nrf/lpcomp -I ../../../../../../components/drivers\_nrf/pdm -I ../../../../../../components/drivers\_nrf/power -I ../../../../../../components/drivers\_nrf/ppi -I ../../../../../../components/drivers\_nrf/pwm -I ../../../../../../components/drivers\_nrf/qdec -I ../../../../../../components/drivers\_nrf/rng -I ../../../../../../components/drivers\_nrf/rtc -I ../../../../../../components/drivers\_nrf/saadc -I ../../../../../../components/drivers\_nrf/spi\_master -I ../../../../../../components/drivers\_nrf/spi\_slave -I ../../../../../../components/drivers\_nrf/swi -I ../../../../../../components/drivers\_nrf/timer -I ../../../../../../components/drivers\_nrf/twi\_master -I ../../../../../../components/drivers\_nrf/twis\_slave -I ../../../../../../components/drivers\_nrf/uart -I ../../../../../../components/drivers\_nrf/usbd -I ../../../../../../components/drivers\_nrf/wdt -I ../../../../../../components/libraries/bsp -I ../../../../../../components/libraries/button -I ../../../../../../components/libraries/crc16 -I ../../../../../../components/libraries/crc32 -I ../../../../../../components/libraries/csense -I ../../../../../../components/libraries/csense\_drv -I ../../../../../../components/libraries/experimental\_section\_vars -I ../../../../../../components/libraries/fds -I ../../../../../../components/libraries/fifo -I ../../../../../../components/libraries/fstorage -I ../../../../../../components/libraries/gpiote -I ../../../../../../components/libraries/hardfault -I ../../../../../../components/libraries/hci -I ../../../../../../components/libraries/led\_softblink -I ../../../../../../components/libraries/log -I ../../../../../../components/libraries/log/src -I ../../../../../../components/libraries/low\_power\_pwm -I ../../../../../../components/libraries/mem\_manager -I ../../../../../../components/libraries/pwm -I ../../../../../../components/libraries/queue -I ../../../../../../components/libraries/scheduler -I ../../../../../../components/libraries/slip -I ../../../../../../components/libraries/timer -I ../../../../../../components/libraries/twi -I ../../../../../../components/libraries/uart -I ../../../../../../components/libraries/usbd -I ../../../../../../components/libraries/usbd/class/audio -I ../../../../../../components/libraries/usbd/class/cdc -I ../../../../../../components/libraries/usbd/class/cdc/acm -I ../../../../../../components/libraries/usbd/class/hid -I ../../../../../../components/libraries/usbd/class/hid/generic -I ../../../../../../components/libraries/usbd/class/hid/kbd -I ../../../../../../components/libraries/usbd/class/hid/mouse -I ../../../../../../components/libraries/usbd/class/msc -I ../../../../../../components/libraries/usbd/config -I ../../../../../../components/libraries/util -I ../../../../../../components/softdevice/common/softdevice\_handler -I ../../../../../../components/softdevice/s130/headers -I ../../../../../../components/softdevice/s130/headers/nrf51 -I ../../../../../../components/toolchain -I ../../../../../../external/segger\_rtt -I ../config -I ../../../../../../components/boards -I C:/Keil\_v5/ARM/PACK/ARM/CMSIS/5.1.0/CMSIS/Include -I ../../../../ibeaconscanner -I ../../../../../../components/ble/ble\_services/ble\_nus -I ../../../../../../components/libraries/fstorage --c99  -I./RTE/\_nrf51422\_xxac  -I"C:/Users/Marc Landes/AppData/Local/Arm/Packs/ARM/CMSIS/5.5.1/CMSIS/Core/Include"  -I"C:/Users/Marc Landes/AppData/Local/Arm/Packs/NordicSemiconductor/nRF\_DeviceFamilyPack/8.24.1/Device/Include"  -D\_\_UVISION\_VERSION="527" -D\_RTE\_ -DNRF51 -DBLE\_STACK\_SUPPORT\_REQD -D\_\_HEAP\_SIZE="0" -DNRF51422 -DBOARD\_PCA10028 -DS130 -DNRF\_SD\_BLE\_API\_VERSION="2" -DBSP\_UART\_SUPPORT -DNRF51 -DSOFTDEVICE\_PRESENT -DSWI\_DISABLE0  -o .\\_build\\*.o --omf\_browse .\\_build\\*.crf --depend .\\_build\\*.d |

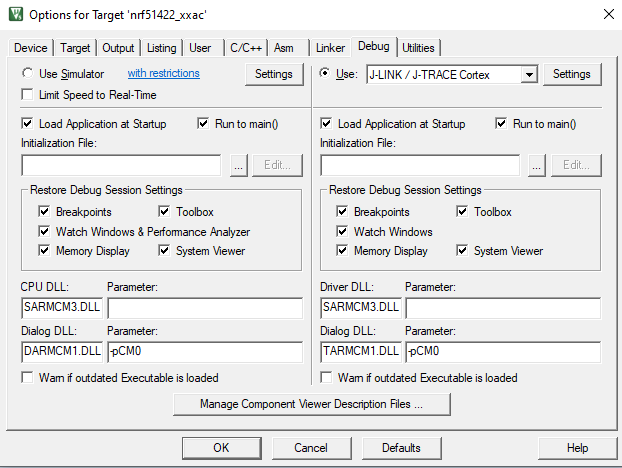
**Asm misc controls :**

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| --- |
| --cpreproc\_opts=-DBLE\_STACK\_SUPPORT\_REQD,-D\_\_HEAP\_SIZE=0,-DNRF51422,-DBOARD\_PCA10028,-DS130,-DNRF\_SD\_BLE\_API\_VERSION=2,-DBSP\_UART\_SUPPORT,-DNRF51,-DSOFTDEVICE\_PRESENT,-DSWI\_DISABLE0 |

**Assembler control string :**

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| --- |
| --cpu Cortex-M0 -g --apcs=interwork --pd "\_\_MICROLIB SETA 1" -I ..\..\..\config\ble\_app\_uart\_c\_pca10028\_s130 -I ..\..\..\config -I ..\..\..\..\..\..\components -I ..\..\..\..\..\..\components\ble\ble\_advertising -I ..\..\..\..\..\..\components\ble\ble\_db\_discovery -I ..\..\..\..\..\..\components\ble\ble\_dtm -I ..\..\..\..\..\..\components\ble\ble\_racp -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_ancs\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_ans\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_bas -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_bas\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_cscs -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_cts\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_dfu -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_dis -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_gls -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_hids -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_hrs -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_hrs\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_hts -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_ias -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_ias\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_lbs -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_lbs\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_lls -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_nus -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_nus\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_rscs -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_rscs\_c -I ..\..\..\..\..\..\components\ble\ble\_services\ble\_tps -I ..\..\..\..\..\..\components\ble\common -I ..\..\..\..\..\..\components\ble\nrf\_ble\_qwr -I ..\..\..\..\..\..\components\ble\peer\_manager -I ..\..\..\..\..\..\components\boards -I ..\..\..\..\..\..\components\device -I ..\..\..\..\..\..\components\drivers\_nrf\adc -I ..\..\..\..\..\..\components\drivers\_nrf\clock -I ..\..\..\..\..\..\components\drivers\_nrf\common -I ..\..\..\..\..\..\components\drivers\_nrf\comp -I ..\..\..\..\..\..\components\drivers\_nrf\delay -I ..\..\..\..\..\..\components\drivers\_nrf\gpiote -I ..\..\..\..\..\..\components\drivers\_nrf\hal -I ..\..\..\..\..\..\components\drivers\_nrf\i2s -I ..\..\..\..\..\..\components\drivers\_nrf\lpcomp -I ..\..\..\..\..\..\components\drivers\_nrf\pdm -I ..\..\..\..\..\..\components\drivers\_nrf\power -I ..\..\..\..\..\..\components\drivers\_nrf\ppi -I ..\..\..\..\..\..\components\drivers\_nrf\pwm -I ..\..\..\..\..\..\components\drivers\_nrf\qdec -I ..\..\..\..\..\..\components\drivers\_nrf\rng -I ..\..\..\..\..\..\components\drivers\_nrf\rtc -I ..\..\..\..\..\..\components\drivers\_nrf\saadc -I ..\..\..\..\..\..\components\drivers\_nrf\spi\_master -I ..\..\..\..\..\..\components\drivers\_nrf\spi\_slave -I ..\..\..\..\..\..\components\drivers\_nrf\swi -I ..\..\..\..\..\..\components\drivers\_nrf\timer -I ..\..\..\..\..\..\components\drivers\_nrf\twi\_master -I ..\..\..\..\..\..\components\drivers\_nrf\twis\_slave -I ..\..\..\..\..\..\components\drivers\_nrf\uart -I ..\..\..\..\..\..\components\drivers\_nrf\usbd -I ..\..\..\..\..\..\components\drivers\_nrf\wdt -I ..\..\..\..\..\..\components\libraries\bsp -I ..\..\..\..\..\..\components\libraries\button -I ..\..\..\..\..\..\components\libraries\crc16 -I ..\..\..\..\..\..\components\libraries\crc32 -I ..\..\..\..\..\..\components\libraries\csense -I ..\..\..\..\..\..\components\libraries\csense\_drv -I ..\..\..\..\..\..\components\libraries\experimental\_section\_vars -I ..\..\..\..\..\..\components\libraries\fds -I ..\..\..\..\..\..\components\libraries\fifo -I ..\..\..\..\..\..\components\libraries\fstorage -I ..\..\..\..\..\..\components\libraries\gpiote -I ..\..\..\..\..\..\components\libraries\hardfault -I ..\..\..\..\..\..\components\libraries\hci -I ..\..\..\..\..\..\components\libraries\led\_softblink -I ..\..\..\..\..\..\components\libraries\log -I ..\..\..\..\..\..\components\libraries\log\src -I ..\..\..\..\..\..\components\libraries\low\_power\_pwm -I ..\..\..\..\..\..\components\libraries\mem\_manager -I ..\..\..\..\..\..\components\libraries\pwm -I ..\..\..\..\..\..\components\libraries\queue -I ..\..\..\..\..\..\components\libraries\scheduler -I ..\..\..\..\..\..\components\libraries\slip -I ..\..\..\..\..\..\components\libraries\timer -I ..\..\..\..\..\..\components\libraries\twi -I ..\..\..\..\..\..\components\libraries\uart -I ..\..\..\..\..\..\components\libraries\usbd -I ..\..\..\..\..\..\components\libraries\usbd\class\audio -I ..\..\..\..\..\..\components\libraries\usbd\class\cdc -I ..\..\..\..\..\..\components\libraries\usbd\class\cdc\acm -I ..\..\..\..\..\..\components\libraries\usbd\class\hid -I ..\..\..\..\..\..\components\libraries\usbd\class\hid\generic -I ..\..\..\..\..\..\components\libraries\usbd\class\hid\kbd -I ..\..\..\..\..\..\components\libraries\usbd\class\hid\mouse -I ..\..\..\..\..\..\components\libraries\usbd\class\msc -I ..\..\..\..\..\..\components\libraries\usbd\config -I ..\..\..\..\..\..\components\libraries\util -I ..\..\..\..\..\..\components\softdevice\common\softdevice\_handler -I ..\..\..\..\..\..\components\softdevice\s130\headers -I ..\..\..\..\..\..\components\softdevice\s130\headers\nrf51 -I ..\..\..\..\..\..\components\toolchain -I ..\..\..\..\..\..\external\segger\_rtt -I ..\config --cpreproc\_opts=-DBLE\_STACK\_SUPPORT\_REQD,-D\_\_HEAP\_SIZE=0,-DNRF51422,-DBOARD\_PCA10028,-DS130,-DNRF\_SD\_BLE\_API\_VERSION=2,-DBSP\_UART\_SUPPORT,-DNRF51,-DSOFTDEVICE\_PRESENT,-DSWI\_DISABLE0  -I .\RTE\\_nrf51422\_xxac  -I "C:\Users\Marc Landes\AppData\Local\Arm\Packs\ARM\CMSIS\5.5.1\CMSIS\Core\Include"  -I "C:\Users\Marc Landes\AppData\Local\Arm\Packs\NordicSemiconductor\nRF\_DeviceFamilyPack\8.24.1\Device\Include"  --pd "\_\_UVISION\_VERSION SETA 527" --pd "\_RTE\_ SETA 1" --pd "NRF51 SETA 1" --pd "BLE\_STACK\_SUPPORT\_REQD SETA 1" --pd "\_\_HEAP\_SIZE SETA 0" --pd "NRF51422 SETA 1" --pd "BOARD\_PCA10028 SETA 1" --pd "S130 SETA 1" --pd "NRF\_SD\_BLE\_API\_VERSION SETA 2" --pd "BSP\_UART\_SUPPORT SETA 1" --pd "NRF51 SETA 1" --pd "SOFTDEVICE\_PRESENT SETA 1" --pd "SWI\_DISABLE0 SETA 1" --list ".\\_build\\*.lst" --xref -o "\*.o" --depend "\*.d" |





**Scanner.sct :**

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| ; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  ; \*\*\* Scatter-Loading Description File generated by uVision \*\*\*  ; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  LR\_IROM1 0x0001B000 0x00025000 { ; load region size\_region  ER\_IROM1 0x0001B000 0x00025000 { ; load address = execution address  \*.o (RESET, +First)  \*(InRoot$$Sections)  .ANY (+RO)  .ANY (+XO)  }  RW\_IRAM1 0x20002000 0x00002000 { ; RW data  .ANY (+RW +ZI)  }  } |

