How to get the value of the arguments passed to the «SEGGER_OPEN_Read» function.

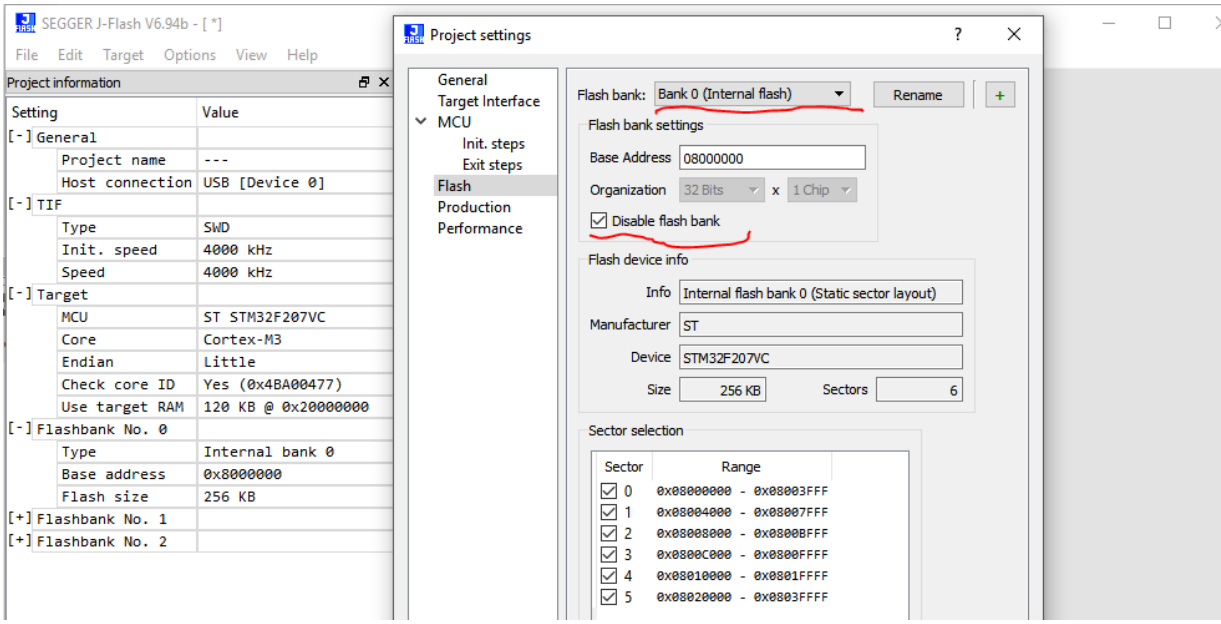
1. In the code, create a variable readDbg with the attribute " (section ("myDbgData")", this will allow you to find out the address of the variable in the RAM of the MCU.

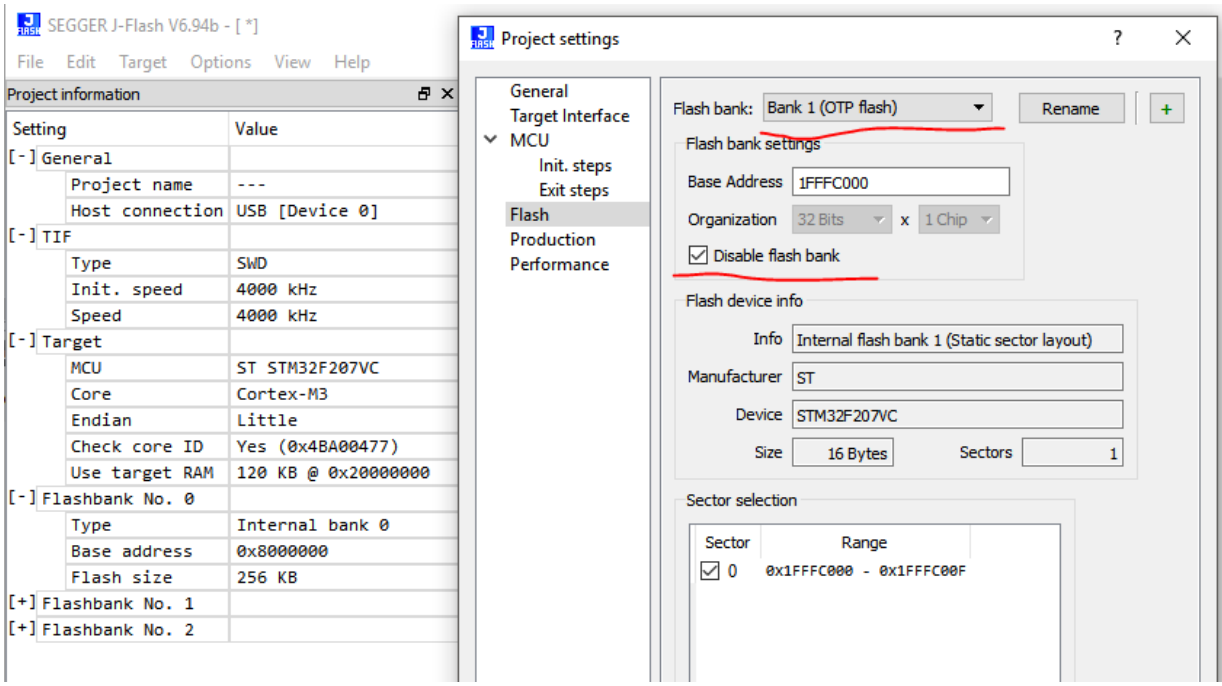
```
#define PRG_DBG
#ifdef PRG_DBG
/*
 * mem alloc for debug infomation/
 */
typedef struct  {
  U32 addr;
  U32 numBytes;
  U32 ptrDest;

} myDbgStruct_t;

volatile myDbgStruct_t readDbg __attribute__ ((section ("myDbgData")));
#endif
```

2. After compiling “Release”, get the address of the variable “readDbg " from the .map file.

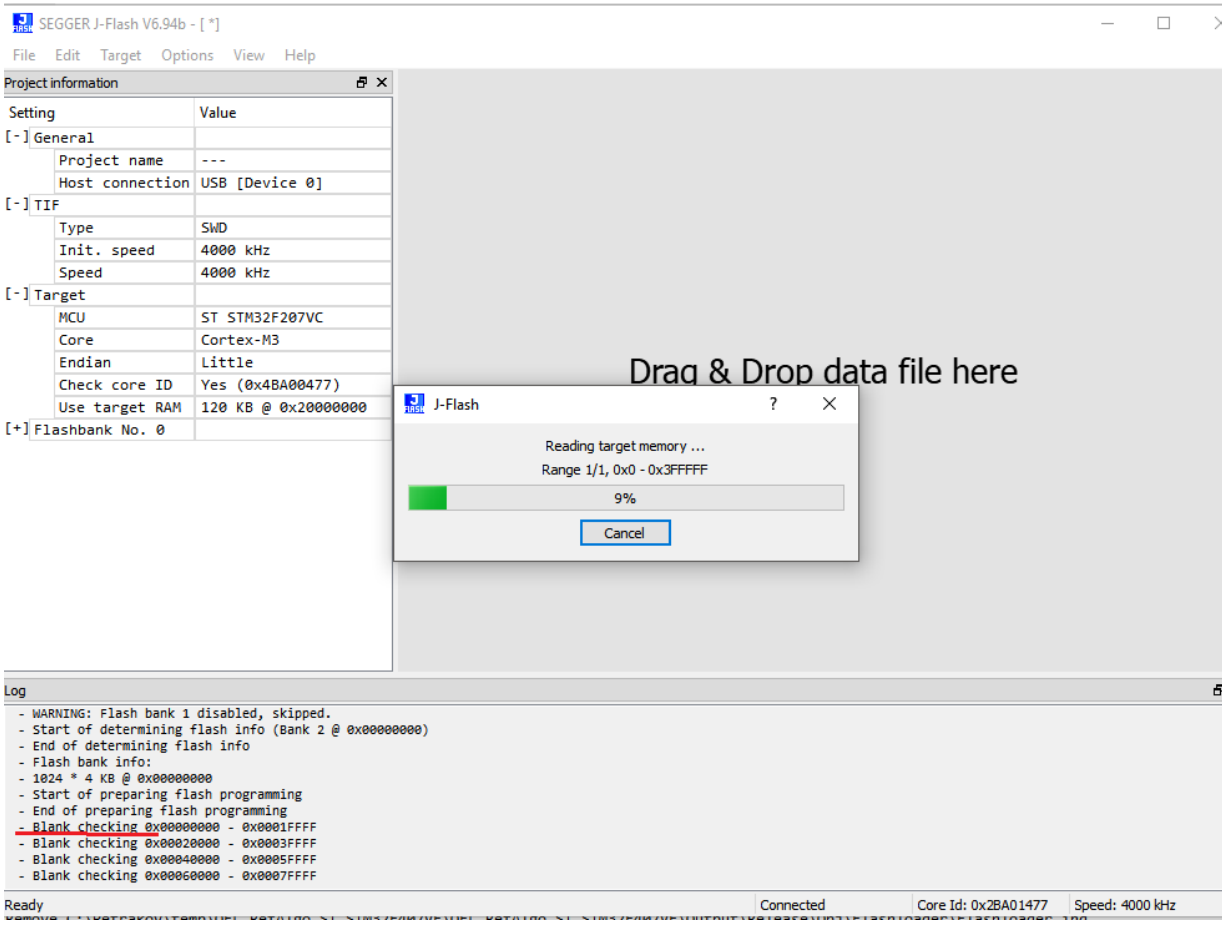
```
myDbgData       0x0000000020000a74        0xc
                0x0000000020000a74                __myDbgData_start__ = .
 *(myDbgData myDbgData.*)
 myDbgData      0x0000000020000a74        0xc Output/Release/Obj/Flashloader/FlashPrg.o
                0x0000000020000a74                readDbg
                0x0000000020000a80                __myDbgData_end__ = (__myDbgData_start__ + SIZEOF (myDbgData))
                0x000000000000000c                  myDbgData size   = SIZEOF (myDbgData)
```

3. Running J-Flash. I disable the partitions associated with the internal flash memory of the microcontroller, this will allow the "read back Selected sections" command to be used.



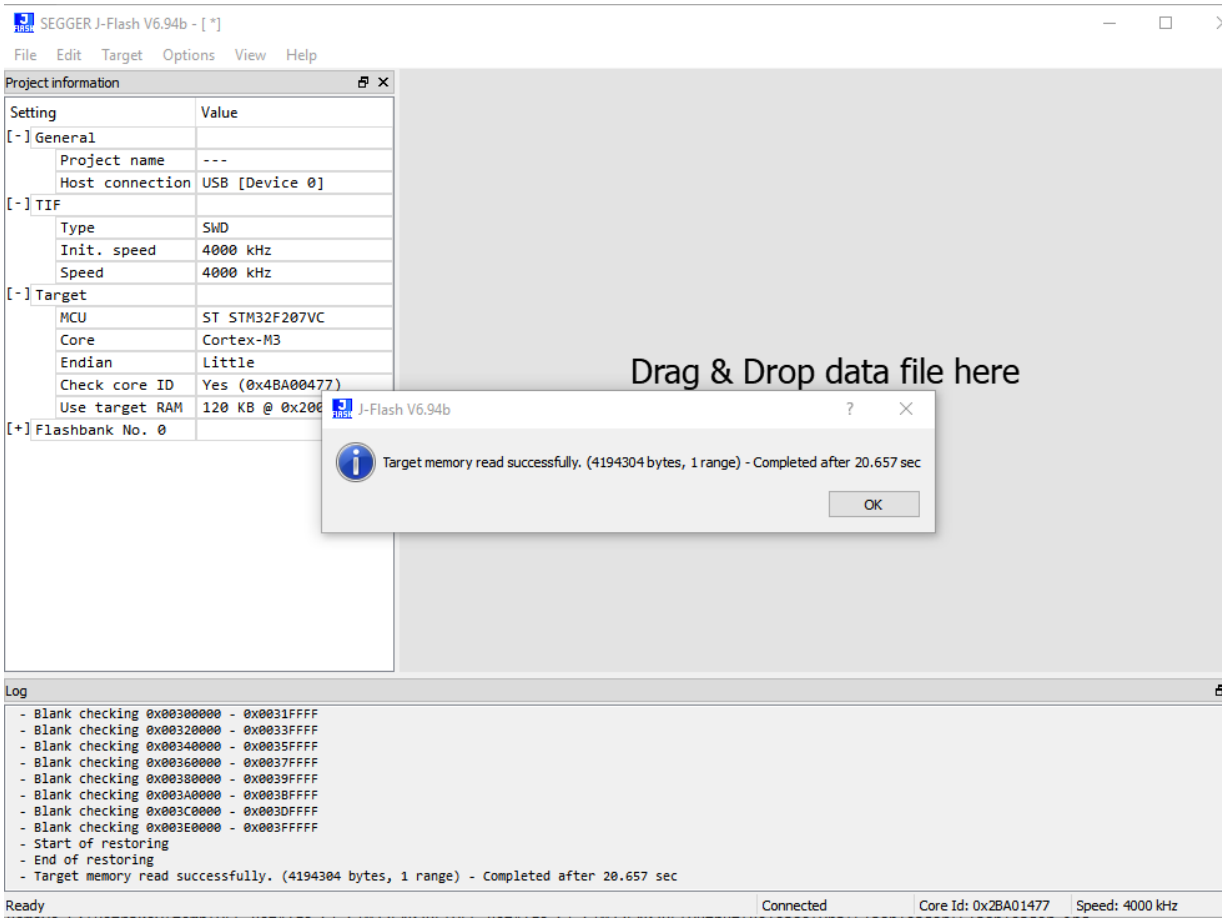


4. Run command “read back Selected sections”

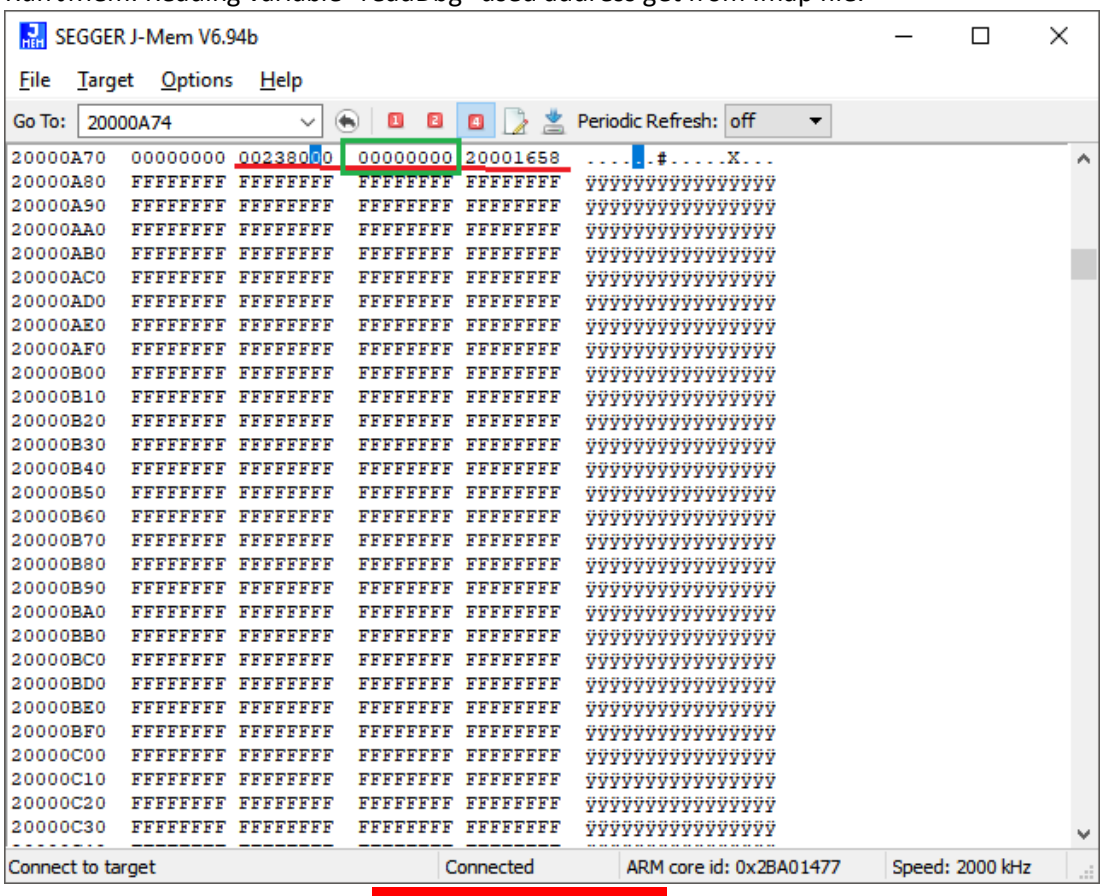


J-Flash reading target memory, but print “Blank checking” in log window. It’s normal?

Let's wait for the end of the operation.



5. Run JMem. Reading variable "readDbg" used address get from .map file.



See values: addr = 0x0023800, numBytes = 0x00000000, ptrDest = 0x20001658.