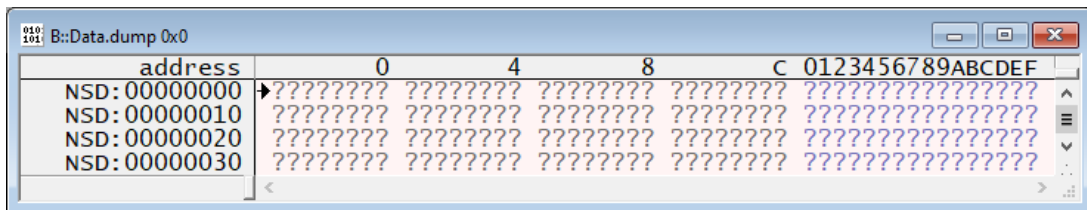


## bus error at address ...

2023-10-25 - Comment (1) - TRACE32 PowerView

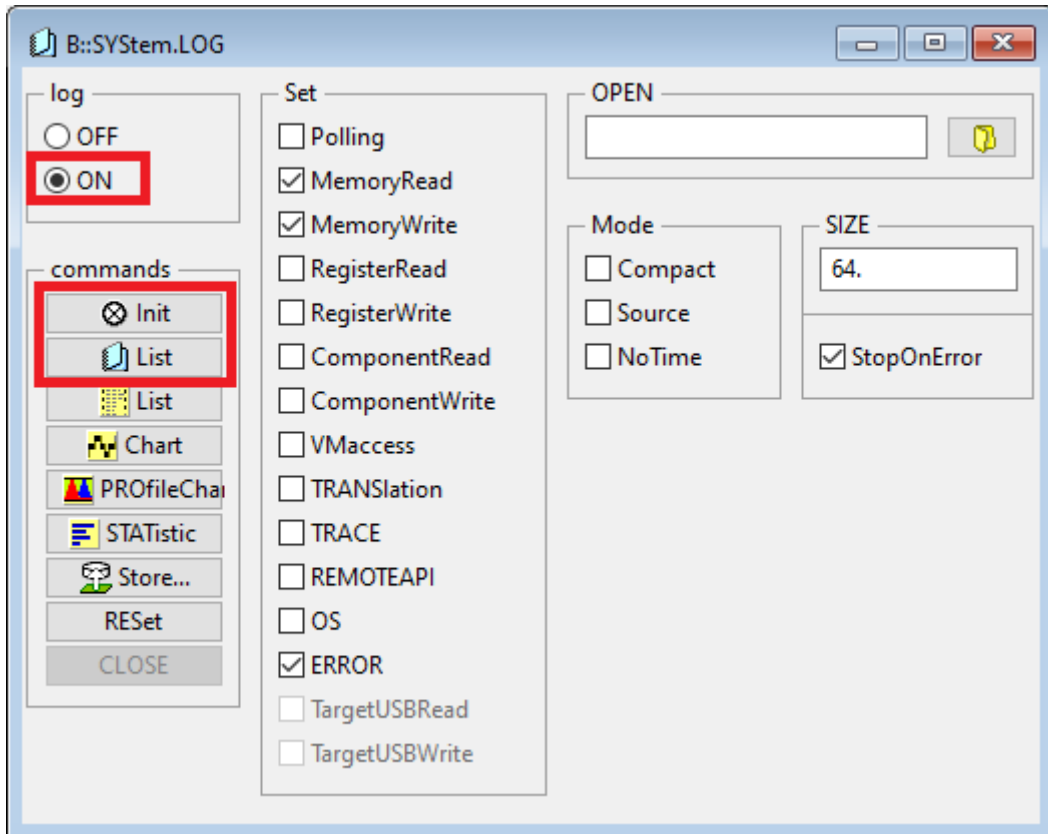
A "bus error" occurs when the debugger performs a memory access that can not be handled by the CPU. It is important to understand that a bus error is generated inside the CPU and then reported to the debugger.

A bus error can have many causes: No memory available at a certain address, access denied (read or write protected), wrong access mode (access width, length) or alignment. A bus error is not always reported with an error message, e.g. in the **List** or **Data.dump** windows a bus error is displayed by ????????



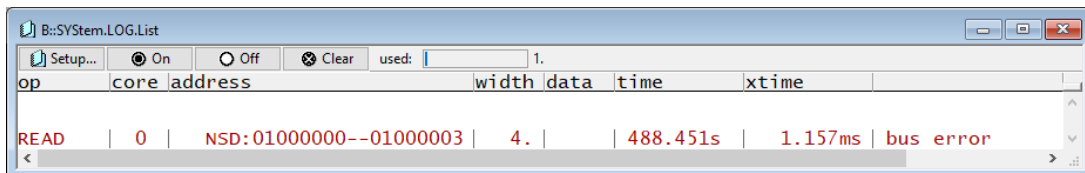
To find out which access this was do the following steps:

1. Find out which operation is responsible for the bus error, e.g. executing a specific TRACE32 command or opening a TRACE32 window
2. Prepare everything to reproduce the bus error, but do not trigger it yet.
3. Open the **SYSTEM.LOG** window, press the **Init** button and set the "log" state to **ON**
4. open **SYSTEM.LOG.List**



4. Perform the operation to trigger the bus error.

5. The **SYStem.LOG.List** window now contains the access information that triggered the bus error in it's last line.



Comment (1)

Comment (1)

LC **LIANG CHONGHAO**

1 year ago

我使用芯驰的X9M芯片，是可以up上的，但是当下载程序到RAM中时，会报错bus error