

8.26.1.21 DEBUGIF.NEXTDM

Address offset: 0x474

Next Debug Module

If there is more than one DM accessible on this DMI, this register contains the base address of the next one in the chain, or 0 if this is the last one in the chain.

8.26.1.22 DEBUGIF.PROGBUF[n] (n=0..15)

Address offset: $0x480 + (n \times 0x4)$

Program Buffer [n]

probuf0 through probuf15 provide read/write access to the optional program buffer. probufsize indicates how many of them are implemented starting at probuf0, counting up. Accessing these registers while an abstract command is executing causes cmderr to be set to 1 (busy) if it is 0. Attempts to write them while busy is set does not change their value. The values in these registers may not be preserved after an abstract command is executed. The only guarantees on their contents are the ones offered by the command in question. If the command fails, no assumptions can be made about the contents of these registers.

8.26.1.23 DEBUGIE.AUTHDATA

Address offset: 0x4C0

Authentication Data

This register serves as a 32-bit serial port to/from the authentication module. When authbusy is clear, the debugger can communicate with the authentication module by reading or writing this register. There is no separate mechanism to signal overflow/underflow.