If sbasize is less than 65, then this register is not present. When the system bus master is busy, writes to this register will set sbbusyerror and don't do anything else.

Bit number	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0x00000000	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

ID	R/W	Field	Value ID	Value	Description
A	R	ADDRESS			Accesses bits 95:64 of the physical address in sbaddress (if the system address bus is that wide).

8.26.1.31 DEBUGIF.SBDATA0

Address offset: 0x4F0

System Bus Data 31:0

If all of the sbaccess bits in sbcs are 0, then this register is not present. Any successful system bus read updates sbdata. If the width of the read access is less than the width of sbdata, the contents of the remaining high bits may take on any value. If either sberror or sbbusyerror isn't 0 then accesses do nothing. If the bus master is busy then accesses set sbbusyerror, and don't do anything else. Writes to this register start the following: 1. Set sbbusy. 2. Perform a bus write of the new value of sbdata to sbaddress. 3. If the write succeeded and sbautoincrement is set, increment sbaddress. 4. Clear sbbusy. Reads from this register start the following: 1. "Return" the data. 2. Set sbbusy. 3. If sbreadondata is set: (a) Perform a system bus read from the address contained in sbaddress, placing the result in sbdata. (b) If sbautoincrement is set and the read was successful, increment sbaddress. 4. Clear sbbusy. Only sbdata0 has this behavior. The other sbdata registers have no side effects. On systems that have buses wider than 32 bits, a debugger should access sbdata0 after accessing the other sbdata registers

Bit number	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0x00000000	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

ID	R/W	Field	Value ID	Value	Description
A	R	DATA			Accesses bits 31:0 of sbdata

8.26.1.32 DEBUGIF.SBDATA1

Address offset: 0x4F4

System Bus Data 63:32

If sbaccess64 and sbaccess128 are 0, then this register is not present. If the bus master is busy then accesses set sbbusyerror, and don't do anything else.

Bit number	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0x00000000	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

ID	R/W	Field	Value ID	Value	Description
A	R	DATA			Accesses bits 63:32 of sbdata (if the system bus is that wide).

8.26.1.33 DEBUGIF.SBDATA2

Address offset: 0x4F8

System Bus Data 95:64