

ECR #: 9

Title: Error in Footnote 16

Release Date: Nov. 15, 1996

Impact: Clarification

Spec Version: A.G.P. 1.0

Summary:

Footnote 16 on page 55 has an error. Should say master and not target

Change Current Specification as shown:

See corrected footnote below. The paragraph that contains the footnote is include below to provide context of the footnote.

Current Text:

If the current transaction is write data, **GNT#** for the next transaction can be asserted on the clock immediately following the **GNT#** for the current write data while there are less than **four** outstanding write data **GNT#s**. The arbiter tracks the number of outstanding write data **GNT#s** and will only assert a **GNT#** for a subsequent transaction if there are less than 4 outstanding write data **GNT#s**. The arbiter increments its write data **GNT#** counter when it asserts **GNT#** for write data and decrements the counter when it samples **IRDY#**¹ asserted by the master for a write data transaction. *The master must be able to handle five pipelined **GNT#s*** (this assumes that a master doesn't consider a **GNT#** "canceled" until the data transaction has finished, one request currently being handled and four more enqueued). This rule allows back-to-back 8 byte write data transactions to proceed when the master takes two clocks to assert the initial **IRDY#** after sampling **GNT#** asserted.

¹ The count is 4 when a latched version of **IRDY#** is used to decrement the number of outstanding grants. Since the target could use either a latched or unlatched version the [Mastertarget](#) is required to handle 4 outstanding pipelined transactions.