
— Changes to bport chapter

- Modified speed signal to allow faster decode (as per last meeting's discussion of potential latency reduction).
- Provisional shorter packet format for S100, S200 and S400 on beta mode only buses.
- Changed padding format for control.
- Lots of changes to c-code !

Speed signals

Table 0-1—Speed signal formats

Port operating speed	Packet speed					
	S100	S200	S400	S800	S1600	S3200
S100	-					
S200	-	S_b				
S400	-	$S_a S_b$	S_b			
S800	-	$S_a S_a S_b S_a$	$S_a S_b$	S_b		
S1600	-	$S_a S_a S_a S_b S_a S_a S_a$	$S_a S_a S_b S_a$	$S_a S_b$	S_b	
S3200	-	$S_a S_a S_a S_a S_b S_a S_a S_a S_a S_a S_a S_a S_a S_a S_a$	$S_a S_a S_a S_b S_a S_a S_a S_a$	$S_a S_a S_b S_a$	$S_a S_b$	S_b
speed signal duration (nsecs)	0	40	20	10	5	2.5

— Short packet format

- Exists for $>S400$, provisional for $\leq S400$ beta only buses.
- Source node does not need to send any data prefix before packet: packet starts with speed signal.

[speed signal][padded data | data prefix symbols].....

.....[data_end | data_end_err | data_prefix]

- Forwarding nodes will generate some data prefix to child ports during request/grant handshake.