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Honeywell Interoffice Correspondence

Date: 19 Sep 89

Subject: Direct Connect Chip Suitability and Availability

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Recently, there has been some concern with the availability of Xilinx chips to implement Direct Connect logic. I called Peter Wolochow at Intel and he made the following points after some investigation:

- The 2000-series 2- μ m parts are still available from Xilinx and AMD (Intel uses both). Intel did not make a lifetime buy.
- The parts are fairly full, but there *might* be sufficient space to implement the two changes we are proposing for SQQ89I: dynamic routing and additional, dedicated links.
- If we need to move to the newer devices, either for accommodating the additional logic or for making the device more robust to meet mil-spec margins, it will be a complete redesign due to data-base incompatibility of the new and old parts. This is a 5 staff-month task.

Good!
We have been budgeting about
6 months for DCN redesign - I think
in light of this we should budget
1 year (to be conservative) - Jwm