



ATI TECHNOLOGIES INC.

R400 PD

December 11, 2002



ATI TECHNOLOGIES INC.

1

[DateTime]

June 14, 2017

AMD1044 0188744

R400 Full Time PD Staff

- 1 PD Manager
- 8 ATI PD Engineers
- 6 PD Contractors
- 1 ATI CAD Engineer
- 2 CAD Contractors



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2

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R400 PD Activities

- Initial floorplanning effort
- Initial tile netlist generation effort
- Block P&R experiments
- Tool evaluation
- Top Level flow development



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3

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Initial Floorplanning Effort

- After some initial startup problems with tool usage and netlist connectivity, have now done two floorplan reviews with Front End and Back End teams based on netlist 2.
- Steve M in SiV Monday/Tuesday of this week and based on the 2nd review provided 4 testcases to run. Goal is to provide feedback to him by Thursday so we can have another review and Steve can give us more testcases to run by Friday.
- Will have to go through this flow again for netlist 3 since block areas will change.
- Have gotten tool run time down by half.
- Deliverable is an FE file to seed the tile netlist generation flow.



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4

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Initial Tile Netlist Generation Effort

- Using early version of Steve M's area based floorplan as a guide (pre-FE feedback).
- Initial tile partitioning very manual.
- FE file from initial floorplan effort will help automate this process more.
- Close to getting first cut at tile netlists.
- Deliverable is netlists/defs/etc ready for P&R flow.



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5

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