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Generated by: Genus(TM) Synthesis Solution 17.22-s017\_1

Generated on: Jul 24 2024 03:40:10 pm

Module: ASTS

Operating conditions: slow (balanced\_tree)

Wireload mode: enclosed

Area mode: timing library

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Timing

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Clock Period

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clock 2000.0

Cost Critical Violating

Group Path Slack TNS Paths

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clock 0.0 0.0 0

default No paths 0.0

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Total 0.0 0

Instance Count

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Leaf Instance Count 128

Physical Instance count 0

Sequential Instance Count 28

Combinational Instance Count 100

Hierarchical Instance Count 0

Area

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Cell Area 3412.886

Physical Cell Area 0.000

Total Cell Area (Cell+Physical) 3412.886

Net Area 0.000

Total Area (Cell+Physical+Net) 3412.886

Max Fanout 26 (clock)

Min Fanout 0 (n\_98)

Average Fanout 2.6

Terms to net ratio 3.7956

Terms to instance ratio 4.0625

Runtime 39.421679 seconds

Elapsed Runtime 787 seconds

Genus peak memory usage 716.41

Innovus peak memory usage no\_value

Hostname localhost.localdomain