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

Generated on: Jul 25 2024 09:35:58 am

Module: voting\_machine

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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clk 2000.0

Cost Critical Violating

Group Path Slack TNS Paths

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clk 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 714

Physical Instance count 0

Sequential Instance Count 201

Combinational Instance Count 513

Hierarchical Instance Count 0

Area

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Cell Area 25147.584

Physical Cell Area 0.000

Total Cell Area (Cell+Physical) 25147.584

Net Area 0.000

Total Area (Cell+Physical+Net) 25147.584

Max Fanout 197 (clk)

Min Fanout 0 (n\_13)

Average Fanout 2.7

Terms to net ratio 3.9057

Terms to instance ratio 3.9440

Runtime 46.036167 seconds

Elapsed Runtime 638 seconds

Genus peak memory usage 728.41

Innovus peak memory usage no\_value

Hostname localhost.localdomain