COMPILE_ULTRA SETUP		
Report	**Parameter**	**NLDM**
report_cell	Top Module cells	**8905**
get_cells -hierarchical	Total Cells	**12509**
report_reference	No of Refernces	**71**
report_qor	Levels of Logic	**19.00**
	Critical Path Length	**2.52**
	Critical Path Slack	**-2.17**
	Total Negative Slack	**-1530.18**
	No. of Violating Paths	**1673.00**
report_area	Combinational Area	**30519.899043**
	Sequential Area	**3735.662681**
	Buf/Inv Area	**10868.468492**
	Net Interconnect Area	**11089.324808**
	Total area (µm²)	**52477.692343**
report_power	Internal Power (µW)	**1.0597E+04**
	Switching Power (µW)	**94.9999**
	Total Dynamic Power (mW)	**10.6916**
	Leakage Power (pW)	**4.5923E+09**
	Total Power (µW)	**1.5284E+04**
	SETUP	
report_timing	Data Required Time	**0.35**
	Data Arrival Time	**-2.52**
	Slack(max) - Setup	**-2.17**
	HOLD	
	Data Required Time	**-0.01**
	Data Arrival Time	**-0.21**
	Slack(min) - Hold	**0.22**
report_threshold_voltage_group	**HVT**	
	Cell Count	**7 (0.06%)**
	Area	**8.90 (0.02%)**
	Leakage (µW)	**27.551nW (0.00%)**
	LVT	
	Cell Count	**12488 (99.89%)**
	Area	**41360.16 (99.93%)**
	Leakage (µW)	**4.592mW (99.99%)**
	RVT	
	Cell Count	**7 (0.06%)**
	Area	**19.31 (0.05%)**
	Leakage (µW)	**613.411nW (0.01%)**
report_clock_tree	No of Sinks	**1582**
	Clock Global Skew	**0.000**
	Longest Path Delay	**0.000**
	Shortest Path Delay	**0.000**

COMPILE_ULTRA
Clk Period: 0.44
WNS: 2.17
TNS: 1530.18

COMPILE_ULTRA HOLD		
Report	**Parameter**	**NLDM**
report_cell	Top Module cells	**10759**
get_cells -hierarchical	Total Cells	**14980**
report_reference	No of Refernces	**114**
report_qor	Levels of Logic	**17.00**
	Critical Path Length	**12.91**
	Critical Path Slack	**-12.49**
	Total Negative Slack	**-17368.03**
	No. of Violating Paths	**1803.00**
report_area	Combinational Area	**32523.061963**
	Sequential Area	**6949.822004**
	Buf/Inv Area	**10881.683977**
	Net Interconnect Area	**8838.696960**
	Total area (µm²)	**52243.442900**
report_power	Internal Power (µW)	**-2.3650E+05**
	Switching Power (µW)	**265.2399**
	Total Dynamic Power (mW)	**-236.2357**
	Leakage Power (pW)	**2.0831E+11**
	Total Power (µW)	**-2.7922E+04**
	SETUP	
report_timing	Data Required Time	**0.41**
	Data Arrival Time	**-12.91**
	Slack(max) - Setup	**-12.49**
	HOLD	
	Data Required Time	**0.02**
	Data Arrival Time	**-0.07**
	Slack(min) - Hold	**0.05**
report_threshold_voltage_group	**HVT**	
	Cell Count	**11410 (76.95%)**
	Area	**30005.26(-69.13%)**
	Leakage (µW)	**7.618mW -3.66%**
	LVT	
	Cell Count	**2954 (19.92%)**
	Area	**12440.35 -28.66%**
	Leakage (µW)	**199.092mW -95.57%**
	RVT	
	Cell Count	**463 (3.12%)**
	Area	**959.14. -2.21%**
	Leakage (µW)	**1.604mW -0.77%**
report_clock_tree	No of Sinks	**1582**
	Clock Global Skew	**0.000**
	Longest Path Delay	**1524247040.000**
	Shortest Path Delay	**1524247040.000**

COMPILE_ULTRA
Clk Period: 0.44
WNS: 0.00
TNS: 0.00