Digital_Clock_12_hrFomrat Project Status (03/21/2021 - 18:07:15)			
Project File:	FINAL.xise	**Parser Errors:**	No Errors
Module Name:	Digital_Clock_12_hrFomrat	**Implementation State:**	Placed and Routed
Target Device:	xc7a100t-3fgg484	**• Errors:**	No Errors
Product Version:	ISE 14.7	**• Warnings:**	80 Warnings (76 new)
Design Goal:	Balanced	**• Routing Results:**	All Signals Completely Routed
Design Strategy:	Xilinx Default (unlocked)	**• Timing Constraints:**	All Constraints Met
Environment:	System Settings	**• Final Timing Score:**	0 (Timing Report)

Device Utilization Summary [-]				
Slice Logic Utilization	**Used**	**Available**	**Utilization**	**Note(s)**
Number of Slice Registers	112	126,800	1%	
Number used as Flip Flops	112			
Number used as Latches	0			
Number used as Latch-thrus	0			
Number used as AND/OR logics	0			
Number of Slice LUTs	248	63,400	1%	
Number used as logic	225	63,400	1%	
Number using O6 output only	162			
Number using O5 output only	35			
Number using O5 and O6	28			
Number used as ROM	0			
Number used as Memory	0	19,000	0%	
Number used exclusively as route-thrus	23			
Number with same-slice register load	0			
Number with same-slice carry load	2			
Number with other load	21			
Number of occupied Slices	90	15,850	1%	
Number of LUT Flip Flop pairs used	270			
Number with an unused Flip Flop	166	270	61%	
Number with an unused LUT	22	270	8%	
Number of fully used LUT-FF pairs	82	270	30%	
Number of unique control sets	9			
Number of slice register sites lost to control set restrictions	48	126,800	1%	
Number of bonded IOBs	21	285	7%	
Number of RAMB36E1/FIFO36E1s	0	135	0%	
Number of RAMB18E1/FIFO18E1s	0	270	0%	
Number of BUFG/BUFGCTRLs	1	32	3%	
Number used as BUFGs	1			
Number used as BUFGCTRLs	0			
Number of IDELAYE2/IDELAYE2_FINEDELAYs	0	300	0%	
Number of ILOGICE2/ILOGICE3/ISERDESE2s	0	300	0%	
Number of ODELAYE2/ODELAYE2_FINEDELAYs	0			
Number of OLOGICE2/OLOGICE3/OSERDESE2s	1	300	1%	
Number used as OLOGICE2s	1			
Number used as OLOGICE3s	0			
Number used as OSERDESE2s	0			

Number of PHASER_IN/PHASER_IN_PHYs	0	24	0%	
Number of PHASER_OUT/PHASER_OUT_PHYs	0	24	0%	
Number of BSCANs	0	4	0%	
Number of BUFHCEs	0	96	0%	
Number of BUFRs	0	24	0%	
Number of CAPTUREs	0	1	0%	
Number of DNA_PORTs	0	1	0%	
Number of DSP48E1s	0	240	0%	
Number of EFUSE_USRs	0	1	0%	
Number of FRAME_ECCs	0	1	0%	
Number of GTPE2_CHANNELs	0	4	0%	
Number of IBUFDS_GTE2s	0	4	0%	
Number of ICAPs	0	2	0%	
Number of IDELAYCTRLs	0	6	0%	
Number of IN_FIFOs	0	24	0%	
Number of MMCME2_ADVs	0	6	0%	
Number of OUT_FIFOs	0	24	0%	
Number of PCIE_2_1s	0	1	0%	
Number of PHASER_REFs	0	6	0%	
Number of PHY_CONTROLs	0	6	0%	
Number of PLLE2_ADVs	0	6	0%	
Number of STARTUPs	0	1	0%	
Number of XADCs	0	1	0%	
Average Fanout of Non-Clock Nets	4.59			

Performance Summary			[-]
Final Timing Score:	0 (Setup: 0, Hold: 0)	**Pinout Data:**	Pinout Report
Routing Results:	All Signals Completely Routed	**Clock Data:**	Clock Report
Timing Constraints:	All Constraints Met		

Detailed Reports					[-]
Report Name	**Status**	**Generated**	**Errors**	**Warnings**	**Infos**
Synthesis Report	Current	Sun 21. Mar 18:05:36 2021	0	53 Warnings (53 new)	4 Infos (4 new)
Translation Report	Current	Sun 21. Mar 18:05:46 2021	0	0	0
Map Report	Current	Sun 21. Mar 18:06:36 2021	0	23 Warnings (23 new)	5 Infos (5 new)
Place and Route Report	Current	Sun 21. Mar 18:06:59 2021	0	0	3 Infos (3 new)
Power Report	Current	Sun 21. Mar 18:14:41 2021	0	4 Warnings (0 new)	1 Info (0 new)
Post-PAR Static Timing Report	Out of Date	Sun 21. Mar 18:07:14 2021	0	0	4 Infos (4 new)
Bitgen Report					

Secondary Reports			[-]
Report Name	**Status**	**Generated**	

Date Generated: 03/21/2021 - 18:14:51