Output Directory	C:\altera\13.1\quartus\ashish\NCO\nco1

File Summary

The MegaWizard interface is creating the following files in the output directory:

File	Description
nco13.vhd	A MegaCore® function variation file, which defines a VHDL top-level description of the custom MegaCore function. Instantiate the entity defined by this file inside of your design. Include this file when compiling your design in the Quartus II software.
nco13.cmp	A VHDL component declaration for the MegaCore function variation. Add the contents of this file to any VHDL architecture that instantiates the MegaCore function.
nco13.bsf	Quartus® II symbol file for the MegaCore function variation. You can use this file in the Quartus II block diagram editor.
nco13.vho	VHDL IP functional simulation model
nco13_st.v	Generated NCO synthesizable netlist. This file is required for Quartus II synthesis. It will be added to your Quartus II project
nco13_tb.vhd	VHDL Testbench
nco13_vho_msim.tcl	ModelSim TCL Script to run the VHDL IP Functional Simulation model and generated VHDL testbench in the ModelSim simulation software
nco13_wave.do	ModelSim Waveform File
nco13_model.m	MATLAB m-file describing a MATLAB bit-accurate model.
nco13_tb.m	MATLAB Testbench
nco13_sin_f.hex	Intel Hex-format ROM initialization file.
nco13_cos_f.hex	Intel Hex-format ROM initialization file.
nco13_sin_c.hex	Intel Hex-format ROM initialization file.
nco13_cos_c.hex	Intel Hex-format ROM initialization file.
nco13.vec	Quartus II Vector File.
nco13_nativelink.tcl	A Tcl script that can be used to assign NativeLink simulation testbench settings to the Quartus II project
nco13_syn.v	A timing and resource estimation netlist for use in some third-party synthesis tools.
nco13.qip	Contains Quartus II project information for your MegaCore function variation.
nco13.html	The MegaCore function report file.

MegaCore Function Variation File Ports

Name	Direction	Width
phi_inc_i	INPUT	16
fsin_o	OUTPUT	16
clk	INPUT	1
reset_n	INPUT	1
clken	INPUT	1
out_valid	OUTPUT	1
freq_mod_i	INPUT	16

Generating MegaCore function top-level...

Generation report