

The screenshot shows the Quartus II IDE. The top-left pane displays the project hierarchy for 'Cyclone IV E: EP4K122F1706', with 'NCO1' and its sub-entity 'NCOexinst' selected. The main workspace shows a Block Design File (BDF) diagram with several interconnected blocks, including 'coeff_16', 'NCOex', and various multiplexers and registers. The bottom pane shows the 'Messages' window with the following content:

```

Type ID Message
-----
> Running Quartus II 64-Bit Analysis & Synthesis
  Command: quartus map --read_settings_files=on --write_settings_files=off NCO1 -c NCO1
20028 Parallel compilation is not licensed and has been disabled
12021 Found 1 design units, including 1 entities, in source file ipth_nco_temp5339704944981005742/nco1.v
12021 Found 1 design units, including 1 entities, in source file ipth_nco_temp5339704944981005742/nco1.bdf
12127 Elaborating entity "NCO1" for the top level hierarchy
12128 Elaborating entity "coeff_16" for hierarchy "coeff_16:inst2"
12006 Node instance "inst2" instantiates undefined entity "NCOex"
> Quartus II 64-Bit Analysis & Synthesis was unsuccessful. 1 error, 1 warning
299001 Quartus II Full Compilation was unsuccessful. 3 errors, 1 warning
  
```

This is my bdf file and I get an error entity NCOex not defined.