Comprehensive design notes  
  
  
Modules are designed in the following manner:

Input buses, circuity, output buses  
  
  
outgoing connections are always positioned above incoming connections, and travel upward while   
incoming connections are positioned below outgoing connections and travel downwards.   
  
  
Every type of input is to be busified, and the same applies to output signals.  
This allows the same signal to be used multiple times, as well as provide information as to the input and output of a module.