

# Distribute Output Events

- ❖ A Part is *always* enclosed inside a Schematic.
- ❖ Send() pushes output events onto Part's own output queue.
- ❖ Output event is of the form  $\{opin, data\}$ 
  - ❖ *Opin* is an output pin of the sender.



# Distribute Output Events (con't)

- ❖ Dispatcher uses routing table of enclosing Schematic.
- ❖ Dispatcher makes a copy of the Output Event and pushes it onto the Input Queue of each Receiver
- ❖ While copying Output Events, Dispatcher maps sender's output pin to receiver's input pin, creating a new (unique) event for each receiving Part.
- ❖ [2]