To draw a block diagram,

(1) First define a style definition for each repeated blocks, input/output, summations, or pins; so that different property of each node is attributed. Use them properly in each node definition mentioned below.

(2) Use node command to place each node, it is convenient to allocate each node based on relative position (above, below, right, left =xx cm of ¡ a node ¿) where positioning tikzlibrary is instrumental. For each node it is convenient to assigned an ¡internal name¿ for later reference, for example, when drawing lines.

(3) Use draw to complete the line connections, assigning labels along the line via node[¡location¿](¡internal name¿)¡external name¿ syntax.