Schematics

• All circuits need
  – Schematic
  – Parts list
  – Layout diagram
  – Circuit description

Hints for Schematics

• Use computer, or draw freehand with graph paper underlay
• Draw components first, then make connections
• Space components, no crowding
• Label all parts
• Signals flow left-to-right
• Look in books for examples
• Align wires horizontally or vertically
• All wires are straight lines
• All lettering block caps
• Include a title block
• Supplement with a bill of materials
Freeware computer packages

- www.expresspcb.com
- Eagle Light, www.cadsoft.de