

## DRAWING AND PART NUMBER STANDARDS

1. All schematic drawings shall be numbered in the form "AxxxxR" where "A" designates a schematic diagram, "xxxx" is a four digit number sequentially assigned as schematic diagrams are produced, and "R" is the revision letter. It is HAL convention to assign separate drawing numbers for each sheet of paper used in a schematic diagram of an assembly.
2. All mechanical drawings shall be numbered in the form "BxxxxR" where "B" designates a mechanical drawing, "xxxx" is a four digit number sequentially assigned as mechanical drawings are produced, and "R" is the revision letter. It is HAL policy that all mechanical drawings are 'mono-detail' whenever possible - only one fabricated piece is described per drawing.
3. All block diagrams (line drawings), special figures for manuals, and other miscellaneous drawings shall be numbered in the format "CxxxxR" where "C" designates the miscellaneous drawing category, "xxxx" is a four-digit number sequentially assigned as drawings are produced, and "R" is the revision letter.
4. All circuit board (printed wiring board) layout drawings are numbered in the "DxxxxR" format where "D" designates a circuit board layout, "xxxx" is a four-digit number sequentially assigned as layouts are produced, and "R" is the revision letter. HAL circuit board layout drawings are computer generated (CAD). All drawings of trace layers, solder-masks, silk screens, and drill charts are irrevocably linked within the computer system. Therefore, one "DxxxxR" shall designate a complete set of drawings for a given revision of a circuit board.
5. All parts used by HAL Communications Corp. are assigned an eight-digit HAL part number in the format "GGG-xxxxx" where "GGG" is a three-digit group identifier and "xxxxx" is a five digit part specifier. Devices built to custom HAL specifications have part number directly related to the HAL "A", "B", or "D" drawing number. All assemblies, sub-assemblies, and complete products are assigned unique HAL part numbers.
6. All parts lists are assigned drawing numbers with the format "PLxxx-xxxxx" where "PL" designates parts list and "xxx-xxxxx" is the HAL part number for the assembly, sub-assembly, or product listed.

3. Prefixes have been assigned to various lists. They are used as document identifiers and do not form a part of the part number, they are as follows:

- a. PL - Parts List
- b. DL - Data List
- c. IL - Index List
- d. WL - Wire List
- e. MP - Master Pattern