

3.1 PARTS AND COMPONENTS

Check all parts and components against the "Parts List" on Pages III-2 through III-4 (Table 3-1). If you have difficulty in identifying any parts by sight, refer to Figure 3-1 on Page III-5.

3.2 ASSEMBLY TIPS

1. Scan Sections III and IV in their entirety before you start to assemble your Sol-PC kit.

2. In assembling your Sol-PC, you will be following an integrated assembly-test procedure. Such a procedure is designed to progressively insure that individual circuits and sections in the Sol-PC are operating correctly. IT IS IMPORTANT THAT YOU FOLLOW THE STEP-BY-STEP INSTRUCTIONS IN THE ORDER GIVEN.

3. Assembly steps and component installations are preceded by a set of parentheses. Check off each installation and step as you complete them. This will minimize the chances of omitting a step or component.

4. When installing components, make use of the assembly aids that are incorporated on the circuit boards and the assembly drawings. (These aids are designed to assist you in correctly installing the components.)

a. The circuit reference (R3, C10 and U20, for example) for each component is silk screened on the PC boards near the location of its installation.

b. Both the circuit reference and value or nomenclature (1.5K and 74H00, for example) for each component are included on the assembly drawings near the location of its installation.

5. To simplify reading resistor values after installation, install resistors so that the color codes or imprints read from left to right and top to bottom as appropriate (boards oriented as defined in Paragraph 3.5 on Page III-7).

6. Unless specified otherwise, install components, especially disc capacitors, as close as possible to the boards.

7. Should you encounter any problem during assembly, call on us for help if needed.