

## ICT Project Requirements

The following items are requested for Quoting purposes. If all materials are not available, a budgetary quote may be provided.

### Quoting:

#### I. Files:

A. CAD data - needed for accurate quoting. The following file types are preferred, but any file type must be in ascii text file, not binary files. Common file types include:

- |                             |                              |
|-----------------------------|------------------------------|
| 1. Gencad                   | 5. CADENCE Allegro (extract) |
| 2. Pads - ascii file (.asc) | 6. IPC 356                   |
| 3. Mentor Neutral file      | 7. Orcad (.min)              |
| 4. ACCEL, PCAD200x (.pcb)   | 8. PCAD PDIF                 |

B. Schematic - used to determine necessary programming for board. Often provided as searchable pdf file.

C. BOM - Bill of Materials. Typically provided in pdf or excel file. Should list reference designators, manufacturer part numbers, values and tolerances. Must be text based, not graphic file.

D. Gerbers - confirms board size and other information in conjunction with CAD data.

E. Drawings - assists in confirmation and/or identification of component locations on board.

Also provides necessary information for panelized boards.

#### II. Customer Statement of Work or SOW.

This document will typically outline the customer's project-specific programming and fixture requirements.

### To Begin Project:

In addition to the items listed above, the following must be available in order to begin any project:

***I. Written confirmation is required that the files which were used for quoting are latest Rev and good for use in development.***

#### II. System Configuration:

The system configuration is a file that describes the testing system used at the customer site.

The following data should be included:

- A. Software options and tools.
- B. Agilent operating software Revision: 3.6, 3.8, 5.1, 5.2, 5.3
- C. Platform: Unix or PC

#### II. Boards:

***For Fixture Order the following board types are needed:***

- A. Bare Board - Component free board - optional, unless no loaded panel board is available.
- B. Loaded Board - PCB with components installed. Necessary to verify component heights against fixture files.
- C. Loaded Panel - Necessary for verification of fixture files for panelized board

***For Debug, the following boards are needed:***

- A. Gold Board - Latest Rev, loaded board, known to be fully functional
- B. Gold Panel - Latest Rev, loaded, "good" panelized board. If no gold panel is available, need Single Gold board and bare board panel

**III. Autofile number** - this is a number between 11 and 4094, that customer typically provides.

The Autofile number is a number which is hardwired in the fixture that the test program will compare itself to.

#### NOTES:

\* All project files and materials should be in-house to start a project, this includes customer supplied hardware.

\*\* Any changes in data or customer specifications may result in additional costs and/or re quoting.

\*\*\* It is in an effort to reduce or eliminate possible additional costs to the customer, that Test Coach requests the items listed in this document, prior to beginning a project.