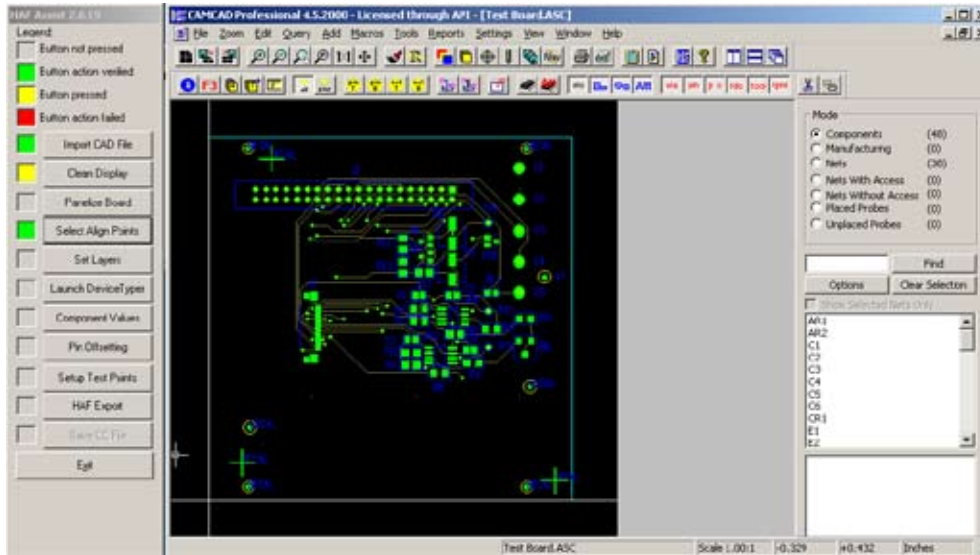


Huntron Workstation CAD Tools

Use CAD resources to speed test development



Huntron HAF Assist window

Mentor Graphics CAMCAD Pro application

Add Huntron® CAD tools to the Huntron Workstation software to enhance test building and fault isolation. Huntron's CAD tools are based on the Mentor Graphics robust CAMCAD products.

The Huntron HAF Assist CAD tool and CAMCAD convert PCB layout files into a standardized ASCII HAF (Huntron ASCII file) format for import into the Huntron Workstation software. This process also creates a CC (CAMCAD) file that contains the PCB Layout for viewing in Huntron Workstation. HAF Assist runs in conjunction with CAMCAD and provides shortcuts to panelization, DFT (design for test), component pin offsetting, test point creation and alignment points selection while still allowing full access to all the features of CAMCAD.

The Huntron Workstation Import feature builds tests in the Huntron Workstation software from a HAF file. This process creates a board with a Sequence for each PCB side required. Two formats of import are supported. The Component format creates a component for each component listed in the HAF file including all of the pin information. The NET format creates components of up to 2048 pins with each pin being an access point on a net. HAF Import starts HAF Assist and CAMCAD for seamless importing into Huntron Workstation. HAF Import provides net prioritization, board or entire panel selection, preferred board side, Huntron Prober slot selection and probe sequence optimization. Huntron Workstation supports syncing of current component, pin and net from the Tree pane with the displayed CAD image.

- *Save time developing tests*
- *Track failures through the PCB layout*
- *Tree data syncs to CAD image*
- *Integrated with the Huntron Workstation software*

Packages Available

Developer Package:

- CAD Developer
- PCB Reader
- DFT Module

Additional PCB Reader:

- Requires Developer Package

CC File Import

- Import CC files from existing CAMCAD installation or new versions of PADS, Expedition or Board Station that support CCZ export

Integrated CAD Viewer

- View Only

Supported PCB Readers:

- **ACCEL EDA/PCAD 200X** - EDA, Tango (.pcb)
- **Cadence Allegro (Extract)** - Extract 4 files (.txt)
- **CADStar/Visula** - CADStar, Visula, Redac CADIF (.paf)
- **DDE (SuperMax DDE)**
- **Fabmaster FATF** - (.fatf)
- **GenCAD** - V1.0 - 1.4 (.cad)
- **GenCAM V1.5** - (V1.5 BNF) (.cgm)
- **IPC 350, 356, 356A** - (.ipc)
- **Mentor BoardStation v8** - V8, <2007.7, 4 files (.prt, .net, .wir, .cmp)
- **Mentor Neutral File** - (.neu)
- **ODB++** - (.odb)
- **OrCAD Layout Plus** - Masstek (.min)
- **PADS Power/Perform** - PCB, Pro, 2000, <9.0 (.asc)
- **PCAD (PDIF) Layout** - PCAD Design pre-ver. 2000 (.pdf)
- **Protel PCB/Altium** - Ver. 2.8, 3.x, 4.x (.pcb, .pcbdoc)
- **Scicards/Encore CII/Harris EDA** (.cii)
- **THEDA** - Incases (.tl)
- **UNIDAT** - UNIDAT (emPWR) Read, Eagle
- **VB ASCII Expedition ASCII** - Expedition <2007.2, Veribest 99+ (.hkp)
- **VERIBEST/EIF** - Veribest 98 and earlier (.eif)
- **Zuken CR3000/CR5000** - Redac PWS (.bsf, .udf, .mdf, .wdf, .ccf, .pma)
- **Zuken CR5000 BD** - Redac Board Designer (.ftf, .pcf)

Included Readers (not used for test development):

- **Attribure BOM Read**
- **Gerber Read** - (.gbr, .plt, .plo)

Minimum PC requirements for Huntron Workstation with Mentor Graphics CAMCAD:

- Microsoft Windows XP, Vista, Windows 7
- 2GHz or faster processor
- 1GB RAM or higher
- VGA; 1024 x 768 display resolution