

## TIMING ANALYSIS

Mentor  
Apache Design Solutions  
Yokogama Digital Computer (YDC)  
Altium  
Ansys - Ansoft - Pacific Numerix  
Cadence  
CLK Design Automation  
Extreme DA  
Incentia  
INVARIANT  
Magma - SiliconCraft  
Prolific  
Simucad - Silvaco  
SiSoft  
Synopsys

## SIGNAL - INTEGRITY ANALYSIS

Synopsys  
Mentor  
Cadence  
Accelicon - Knowlent  
Agilent EEsof EDA  
ALS  
Altium (Protel) - Accel (Incases)  
Ansys - Ansoft  
Apache Design Solutions  
Applied Simulation  
Technology - Contec  
Berkeley Design Automation  
CLK Design Automation  
CST  
Extreme DA  
Fujitsu  
Magma - Moscape  
National Instruments  
OEA International  
OptEM Engineering  
Physware  
Quantic  
Sagantec - MicroCAD  
Sigrity  
SiSoft  
Tanner EDA  
TDA Systems  
Yokogama Digital Computer (YDC)  
Zuken

## EMI ANALYSIS

Ansys - Ansoft  
Mentor  
Fujitsu  
Zuken  
OptEM Engineering  
Yokogama Digital Computer (YDC)  
Accelicon - Knowlent  
Agilent EEsof EDA  
Altium (Protel) - Accel  
Apache Design Solutions  
Applied Simulation  
Technology - Contec  
AWR  
Cadence  
Coupling Wave Solutions (CWS)  
CST  
GRID  
Integrated Engineering Software  
Integrity Engineering  
iROC Technologies  
Magwell  
National Instruments  
Number One Systems  
Pextra  
Physware  
Polar Instruments  
Quantic

## EMI ANALYSIS (continued)

Qwed  
Sigrity  
Simbeor  
Simberian  
Sonnet (KCC Ltd.)  
Spectrasoft  
Synopsys  
Ultimate Technology Bv  
Vector Fields Ltd.

## POWER ANALYSIS & OPTIMIZATION

Apache  
Cadence  
Mentor  
Sigrity  
OEA International  
Accelicon - Knowlent  
Anasim  
Ansys - Ansoft  
Applied Simulation Terchnology -  
Contec  
Azuro  
CST  
Envis (Envision Technology)  
GRID  
INVARIANT  
Library Technologies  
Magma  
Physware  
Proficient Design  
Prolific  
Simucad - Silvaco  
Synopsys  
Veritools

## THERMAL ANALYSIS

Mentor - Flomerics  
Zuken  
Analysis Tech  
Ansys - Ansoft - Pacific Numerix  
Apache  
Applied Thermal Technologies  
Berkeley Design Automation  
Cadence  
Daat Research  
Dynamic Soft  
Gradient  
Integrated Engineering Software  
Magsoft  
Maya Heat Transfer  
Sigrity  
Simucad - Silvaco  
Tanner EDA  
ThermoAnalytics

## IC SPICE & SPICE LIKE SIMULATION

Synopsys  
Simucad - Silvaco  
Berkeley Design Automation  
Applied Simulation  
Technology - Contec  
Tanner EDA  
Accit - New Systems Research  
Agilent  
Ansys - Ansoft  
Apache Design Solutions  
Cadence  
Infinisim  
Legend  
Magma  
Mentor  
Nascentric  
OptEM Engineering  
Schematica  
SOIGUINE  
Unique ICs

## DRC

Mentor  
Synopsys  
Cadence  
Magma - Mojave  
Simucad - Silvaco  
Tanner EDA  
CAD Science  
Micologic (MDA)  
Polyteda Software

## EXTRACTORS

Synopsys  
Cadence  
Mentor  
Ansys - Ansoft  
Apache - Sequence (Frequency)  
edXact  
Helic  
Magma - Random Logic Corp  
OEA International  
OptEM Engineering  
Pextra  
Physware  
Polar Instruments  
Silicon Frontline  
Simucad - Silvaco  
Tanner EDA

## T-CAD

Synopsys - Avant! - TMA  
Simucad - Silvaco  
Cadence  
Crosslight Software  
Magma  
SEQUOIA Design Systems  
Siborg Systems

## RET

Mentor  
Synopsys  
Cadence  
Anchor Semiconductor  
Applied Materials  
ASML Masktools - Brion  
Gauda  
Lafin  
Luminescent  
Magma - Fortis  
Simucad - Silvaco  
Stabie-Soft  
Tessera  
XYALIS

## DFY & PROCESS MODELS

Mentor - LogicVision - SiVerion  
Synopsys  
Cadence  
ASML Masktools - Brion  
Anchor Semiconductor  
DFMSim  
KLA -Tencor  
Magma  
MunEDA  
Nannor Technologies  
PDF Solutions  
Predictions Software  
Sagantec  
Solido  
SpringSoft - Novas  
Stone Piller  
Stratosphere Solutions  
Takimi Technologies  
Tela - Blaze - Aprio Technologies  
Xyalis

## POST SILICON VALIDATION

ASSET  
Mentor - LogicVision  
Veridac

## METAL - MIGRATION ANALYSIS

Quantic  
Ansys - Ansoft - Pacific Numerix  
Cadence - Simplex  
Micrologic  
Synopsys - Epic

## ASIC LAYOUT

Synopsys  
Cadence  
Magma  
Mentor - Sierra Design  
Automation  
Atoptech  
MicroMagic  
Incentia Design Systems  
Lizotech  
Stone Pillar Technologies

## CUSTOM LAYOUT

Cadence  
SpringSoft - Silicon Canvas  
JEDAT (Seiko BluWave)  
Magma  
Synopsys  
Simucad - Silvaco  
Tanner EDA  
MicroMagic  
Analog Rails (Get2Spec)  
CAD Science  
Ciranova  
Design Workshop Technologies  
IC Editors  
Infiniscale  
InternetCAD.com  
Jspeed Design Automation  
Mentor  
MyCAD  
Orora Design Technologies  
Pulsic - ICthus Solutions  
Sentinel IC  
SKILLCAD  
Tera Route  
ViASIC

## OTHER IC LAYOUT

Sagantec  
Apache - Sequence  
Artwork Conversion Software  
Athena  
Azuro  
Dolphin Integration  
Dorado  
Entasys  
Lafin  
Library Technologies  
Magma  
MicroEDA  
MunEDA  
Pinebush Technologies  
Saratoga Data  
Shearwater  
Silistix  
Simbeor  
Solido  
Stabie-Soft  
Teklatech  
Tool Corporation  
XYALIS

## PHYSICAL LIBRARIES

ARM - Artisan  
Synopsys  
Accelicon  
Cadence - Excellent Design  
Camgian Microsystems  
NewLogic  
Nordic VLSI  
Prolific  
QualCore - LEDA Systems  
Semtech  
Silicon Design Solutions  
Tanner EDA

## TARGET COMPILER

ARM - Artisan  
Synopsys - Virage - Mentor  
Simucad - Silvaco  
MicroMagic  
Cadence  
Dolphin Integration  
Fliptronics  
Helic  
Interra Systems  
Menta  
Mentor  
Synopsys  
Target Compiler  
Technologies  
Tela Innovations

## LIBRARY DEVELOPMENT TOOLS

Agilent EEsof EDA  
Prolific  
Synopsys - Virage  
Cadence - Altos  
CLK Design Automation  
Concise Logic  
Extreme DA - Xigmix  
Fenix-DA  
Gold Standard Simulations  
GRID  
Legend Design Technologies  
Library Technologies  
Magma  
Mentor  
Nangate  
Sagantec  
Simucad - Silvaco  
Synopsys  
Z Circuit

## ASYNCHRONOUS DESIGN

CLK Design Automation -  
Synchronous  
Elastix  
Fulcrum  
Handshake Solutions  
Silstix

## STRUCTURED REGULAR SILICON

PDF - Fabbix  
Telos

# IC-CAD

## SCHEMATIC CAPTURE

Cadence  
Mentor  
JEDAT (Seiko BluWave)  
Yokogama Digital  
Computer (YDC)  
Autodesk  
National Instruments -  
Elect. Workbench  
Zuken  
ALS Design  
Altium - Accel  
Capilano  
Concept Engineering  
Dolphin Integration  
Elgris Technologies  
Intercept - ESA Design  
Mental Automation  
MyCAD  
Number One Systems  
Phase Three Logic  
Preception Software  
Simucad - Silvaco  
Tanner EDA  
Ziegler Informatics

## PCB DESIGN

Mentor  
Zuken  
Cadence  
Altium (Protel)  
Fujitsu  
Yokogama Digital  
Computer (YDC)

## PCB DESIGN (continued)

Intercept Technology  
National Instruments  
Precidence (Element 14 -  
CADSoft)  
Agilent - Eagleware - Elanix  
AcAe Software  
Aldec  
ALS Design  
Ansys - Ansoft  
Autodesk - US CAD  
AutoTRAX  
CAD Design Software  
CADint  
Cad-Migos  
ConnectEDA  
Douglas Electronics  
EMA - Design Advance  
IMSI  
McDAD EDA  
Mental Automation  
Novarm Software  
Number One Systems  
Penzar  
Polar Instruments  
Premier EDA Solutions  
Sophia Systems  
Spectrum Software  
Ziegler Informatics

## MCM, HYBRID

Cadence  
Zuken - Redac  
Ansys - Ansoft  
Infinite Graphics  
Yokogama Digital  
Computer (YDC)  
Intercept  
Applied Simulation  
Technology - Contec  
Autodesk - US Cad  
CAD Design Software  
HDL Works  
Mentor  
Tanner EDA  
Xyalis

## PACKAGE DESIGN

Mentor  
Apache  
Cadence  
E-System Design  
Sigrity - Harris

## PCB SPICE

Cadence - Orcad - Microsim  
Mentor  
National Instruments  
Yokogama Digital  
Computer (YDC)  
Agilent - Eagleware - Elanix  
ALS Design  
Altium  
Ansys - Ansoft -  
Compact Software  
Applied Simulation  
Technology - Contec  
Beige Bag Software  
CAD-Migos  
Intusoft  
Penzar  
Simucad - Silvaco  
Spectrum Software  
Tanner EDA

## PCB CAM

Mentor  
Infinite Graphics  
Zuken - Redac  
Yokogama Digital  
Computer (YDC)  
Adiva  
Altium (Protel) -  
Inovative CAD  
Ansys - Ansoft

## PCB CAM (continued)

Assset - Intertech  
BQR  
CAD Design Software  
Cadence  
Douglas Electronics  
Downstream Technologies  
Frontline Design Automation  
GraphiCode  
Intercept Technology  
MasterCAM  
Frontline (Orbotech & Mentor)  
PTC - Ohio Design Automation  
Step Tools  
Technomatix - Unicam  
T-Tech  
Unisoft  
Wise Software Solutions

## WIRE & HARNESS

Mentor