

TIMING ANALYSIS

Mentor
Apache
YDC
Altium
Ansys
Cadence
CLK Design Automation
Extreme DA
Incentia
Magma - SiliconCraft
Prolific
Simucad - Silvaco
SiSoft
Synopsys

SIGNAL - INTEGRITY ANALYSIS

Cadence
Synopsys
Mentor
Ansys
Quantic
Altium
Sigrity
Zuken
Apache - Sequence (Frequency)
OEA International
OptEM Engineering
National Instruments
Norlinvest
Accelicon - Knowlent
Agilent EEsof EDA
ALS
Applied Simulation
Technology - Contec
Berkeley Design Automation
CLK Design Automation
CST
Extreme DA
Magma - Moscape
Sagantec - MicroCAD
SiSoft
Tanner EDA
TDA Systems
YDC

DFY & PROCESS MODELS

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

ASYNCHRONOUS DESIGN

CLK
Elastix
Fulcrum
Handshake Solutions
Silstix

EMI ANALYSIS

Ansys
Zuken
OptEM Engineering
Mentor
National Instruments
Sigrity
Applied Simulation Technology
Norlinvest
YDC
Accelicon - Knowlent
Agilent EEsof EDA
Altium (Protel) - Accel
Apache Design Solutions
AWR
Cadence
Coupling Wave Solutions (CWS)
CST
Integrated Engineering Software
Integrity Engineering
iROC Technologies
Magwell
Mentor - ZeLand Software
Number One Systems
Pextra
Physware
Polar Instruments
Quantic
Qwed
Simbeor
Simberian
Sonnet (KCC Ltd.)
Spectrasoft
Synopsys
Ultimate Technology Bv
Vector Fields Ltd.

POWER ANALYSIS & OPTIMIZATION

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

STRUCTURED REGULAR SILICON

PDF - Fabbix
Tela

POST SILICON VALIDATION

ASSET
DAFCA
Mentor - LogicVision

IC SPICE & SPICE LIKE SIMULATION

Synopsys
Simucad - Silvaco
Berkeley Design Automation
Applied Simulation
Terchnology - 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
Cadence
Synopsys
Simucad
Tanner EDA
CAD Science
Magma - Mojave
Micologic (MDA)
Polyteda Software

EXTRACTORS

Cadence
Synopsys
Mentor
Apache
OptEM Engineering
OEA International
Simucad
Ansys
edXact
Helic
Magma
Pextra
Polar Instruments
Silicon Frontline
Tanner EDA

THERMAL ANALYSIS

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

ASIC LAYOUT

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

CUSTOM LAYOUT

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

TARGET COMPILER

ARM
Virage
Simucad
MicroMagic
Cadence
Dolphin Integration
Fliptronics
Helic
Interra Systems
Mentor
Synopsys
Target Compiler
Technologies (Holland)
Tela Innovations

METAL - MIGRATION ANALYSIS

Quantic
Ansys
Cadence
Micrologic
Synopsys

T-CAD

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

PHYSICAL LIBRARIES

Virage
Synopsys
ARM
Accelicon
Cadence
Camgian Microsystem
NewLogic
Nordic VLSI
Prolific
QualCore - LEDA Systems
Semtech
Silicon Design Solutions
Tanner EDA

LIBRARY DEVELOPMENT TOOLS

Agilent EEsof EDA
Prolific
Virage
Altos
Cadence
CLK
Concise Logic
Extreme DA - Xigmix
Fenix-DA
Legend Design
Technologies
Library Technologies
Magma
Mentor - Escalade
Nangate
Sagantec
Simucad
Synopsys
Z Circuit

OTHER IC LAYOUT

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

RET

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

IC-CAD

PCB DESIGN

Mentor
Cadence
Altium
Zuken
YDC
Ansys - Ansoft
Intercept
National Instruments
Norlinvest Ltd.
Precience (CADsoft)
AcAe-Software
Avidya
Aldec
ALS Design
Autodesk - US CAD
AutoTRAX
CAD Design Software
CADint
Cad-Migos
ConnectEDA
Douglas Electronics
EMA - Design Advance
IMSI
McDAD EDA
Mental Automation

PCB DESIGN (continued)

Novarm Software
Number One Systems
Polar Instruments
Premier EDA Solutions
Sophia Systems
Ziegler Informatics

PCB CAM

Mentor
Orbotech
Infinite Graphics
Zuken - Redac
YDC
Adiva
Altium (Protel) -
Inovative CAD
Ansys - Ansoft
Assset - Intertech
CAD Design Software
Cadence
Douglas Electronics
Downstream Technologies
Frontline Design Automation
GraphiCode

PCB CAM (continued)

Intercept Technology
MasterCAM
PTC - Ohio Design Automation
Step Tools
Technomatix - Genrad - Mitron
Technomatix - Unicam
T-Tech
Unisoft
Wise Software Solutions

PACKAGE DESIGN

Apache
Cadence
E-System Design
Mentor
Sigrity - Harris

PCB VIRTUAL PROTOTYPE

Cadence
Mentor
Zuken
EMA - Design Advance

MCM, HYBRID & PACKAGING DESIGN

Cadence
Zuken - Redac
Ansys - Ansoft
Mentor
Infinite Graphics
YDC
Intercept
Applied Simulation
Technology - Contec
Autodesk - US Cad
CAD Design Software
HDL Works
Norlinvest Ltd.
Tanner EDA
Xyalis

PCB SPICE

Cadence - Orcad - Microsim
Mentor
National Instruments
Norlinvest
YDC
Agilent
ALS Design
Altium
Ansys - Ansoft
Applied Simulation
Technology - Contec
Beige Bag Software
CAD-Migos
Intusoft
Penzar
Simucad - Silvaco
Spectrum Software
Tanner EDA

PCB