

TIMING ANALYSIS

Mentor
Cadence
Sequence
Altius
Ansys - Ansoft - Pacific Numerix
Apache Design Solutions
Blade Technology
Incentia
Knowlent
Magma - SiliconCraft
Prolific
Simucad - Silvaco
SiSoft
Synopsys

SIGNAL - INTEGRITY ANALYSIS

Cadence
Mentor
Ansys - Ansoft
Quantic
Sigrity
Altium (Protel) - Accel (Incases)
Zuken
Sequence (Frequency)
OptEM Engineering
OEA International
YDC
National Instruments
Norlinvest
ALS
Apache - Optimal
Applied Simulation Terchnology
- Contec
Berkeley Design Automation
CLK Design Automation
CRC
CST
Electronics Workbench
Fujitsu
Integrity Engineering
Knowlent
Magma - Moscape
Sagantec - MicroCAD
Simucad - Silvaco
SiSoft
Synopsys
Tanner EDA
TDA Systems

DFY & PROCESS MODELS

Mentor Graphics
Cadence
Synopsys
ASML Masktools - Brion
Anchor Semiconductor
Anova
DFMSim
KLA-Tencor
Magma
MunEDA
Nannor Technologies
Nano SOLUTIONS
PDF Solutions
Predictions Software
Sagantec
Solido
SpringSoft - Novas
Stone Piller
Stratosphere Solutions
Takimi Technologies
Tela - Blaze DFM
Xyalis

ASYNCHRONOUS DESIGN

CLK - Synchronous
Design Automation
Elastix
Fulcrum
Handshake Solutions
Silstix

STRUCTURED REGULAR SILICON

PDF - Fabbix
Tela

EMI ANALYSIS

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

POWER ANALYSIS & OPTIMIZATION

Cadence
Apache Design Solutions
Sequence
Sigrity
OEA International
ACAD
Altius
Anasim
Ansys - Ansoft
Applied Simulation Terchnology
- Contec
CADdy (Spain)
CST
Envis (Envision Technology)
Genashor
Knowlent
Library Technologies
Magma
Magma - SiliconCraft
Mentor
Proficient Design
Prolific
Sequence
Simucad - Silvaco
Synopsys - ArchPro
Veritools

RET

Mentor Graphics
Synopsys
Cadence
Anchor Semiconductor
Applied Materials
ASML Masktools
Dai Nippon - Hotscope
Gauda
Luminescent
Magma - Fortis
Simucad - Silvaco
Stabie-Soft
Tessera
XYALIS

IC SPICE & SPICE LIKE SIMULATION

Synopsys - Avant! - Meta-Soft
Simucad - Silvaco
Applied Simulation Terchnology
- Contec
Tanner EDA
Agilent EEsof EDA
Ansys - Ansoft
Apache Design Solutions
Berkeley Design Automation
Cadence
Gemini
Infinisim
Legend
Magma
Mentor
Nascentric
OptEM Engineering
SOIGUINE
Unique ICs
Xoomsys

DRC

Mentor
Cadence
Synopsys
Simucad - Silvaco
Tanner EDA
Automata Design Inc.
CAD Science
EverCAD
Magma - Mojave
Micologic (MDA)
Polyteda Software

EXTRACTORS

Cadence
Synopsys
Mentor
Sequence
OptEM Engineering
OEA International
Simucad - Silvaco
Ansys - Ansoft
Apache Design Solutions
edXact
Helic
Magma
Pextra
Polar Instruments
Silicon Frontline
Tanner EDA

REVERSE SYNTHESIS

Avertec
Silver Technology
Synopsys - Avant!

THERMAL ANALYSIS

Mentor
Zuken
Aavid - Fluent
Analysis Tech
Ansys - Ansoft
Apache - Optimal
Apache Design Solutions
Cadence
Daat Research
Dynamic Soft
Gradient
Harvard Thermal
Integrated Engineering Software
Magsoft
Maya Heat Transfer
Norlinvest
Simucad - Silvaco
Tanner EDA
Thermal Analytics
YDC

POST SILICON VALIDATION

ASSET
DAFCA
Mentor - LogicVision

ASIC LAYOUT

Synopsys
Cadence
Magma
Mentor
Apex
ATOP Technology
Atrenta
Incentia Design Systems
Lizotech
Manhattan Router
MicroMagic
Stone Pillar Technologies
Timberwolf

CUSTOM LAYOUT

Cadence
Mentor
JEDAT (Seiko BluWave)
Tanner EDA
Synopsys
Simucad - Silvaco
Agape Design Auto.
AgO
Analog Master
Analog Rails (Get2Spec)
CAD Science
Catena Software
Circanova
Design Workshop Technologies
Doses
Entridia
IC Editors
Infiniscale
InternetCAD.com
Jspeed Design Automation
Magma
MicroMagic
MyCAD
Nanovata
Orora Design Technologies
Paragon IC
Pulsic - ICthus Solutions
Pyxis
Sentinel IC
Silicon Design Systems
SprinSoft - Silicon Canvas
Tera Route
ViASIC

TARGET COMPILER

Virage
Simucad - Silvaco
MicroMagic
ARM - Artisan
Atmos
Cadence
Dolphin Integration
Fliptronics
Helic
Interra Systems
Mentor - Veribest (Intergraph)
MOSAID - Virtual Silicon
Technology
Synopsys
Target Compiler Technologies
(Holland)
Tela Innovations

METAL - MIGRATION ANALYSIS

Quantic
Ansys - Ansoft - Pacific Numerix
Cadence
Micrologic
Synopsys

T-CAD

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

PHYSICAL LIBRARIES

ARM - Artisan
Synopsys
Virage
Advanced Logic
ASIC Semiconductor
Cadence
Cogency
CP Clare - Theta J
International Meta Systems (IMS)
MOSAID - Virtual Silicon
Technology
NewLogic
Nordic VLSTI
NSoft
Prolific
QualCore - LEDA Systems
Silicon Design Solutions
Sycon
Tanner EDA
Theseus Logic
Topdown Design
Xemics

LIBRARY DEVELOPMENT TOOLS

Agilent EEsof EDA
Prolific
Virage - Mentor
Acceleration Technologies
Altos
Cadence
CLK
Cogency
Concise Logic
Extreme DA - Xigmix
Fenix-DA
Legend Design Technologies
Library Technologies
Magma
Mentor
Nangate
Sagantec
Simucad - Silvaco
Sycon
Synopsys
Virtual Silicon Technology
Z Circuit

OTHER IC LAYOUT

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

DELAY CALCULATOR

Cadence
Synopsys

IC-CAD

PCB DESIGN

Mentor
Cadence
Zuken
Altium
Fujitsu
YDC
Intercept Technology
National Instruments
Norlinvest Ltd.
Precience (CADsoft)
Aldec
ALS Design
AutoTRAX
CAD Design Software
CADint
Cad-Migos
ConnectEDA
Douglas Electronics
Electronics Workbench
EMA - Design Advance
High Tech Solutions
IMSI
Ivex
Mental Automation
Novarm Software
Number One Systems
Omron
Pentax
Polar Instruments
Premier EDA Solutions

PCB DESIGN (continued)

Sage EDA
Seodu LogicSharp
Sophia Systems
US Cad (Autodesk)
Vamp
Wintek Corp.
Ziegler Informatics

PCB CAM

Valor
Orbotech
Mentor
Infinite Graphics
Zuken - Redac
YDC
Altium (Protel) - Inovative CAD
Ansys - Ansoft
Automata Design
CAD Design Software
Cadence
CAE
CAM Software
Consilium
DFM Technologies
Douglas Electronics
Downstream Technologies
Fabmaster
Frontline Design Automation
Fuji Machine
GraphiCode
Innovative CAD

PCB CAM (continued)

Intelligent Reasoning
Systems, IRSI
Intercept Technology
Intermedius Design Integration
Laminaire
PCB Fab (Barco & Valor)
PCB Libraries
Pentax
Pollex
PTC - Ohio Design Automation
Step Tools
Synopsys
Technomatix - Unicam
T-Tech
Unisoft
Wise Software Solutions

PCB VIRTUAL PROTOTYPE

Cadence
Mentor
Zuken
EMA - Design Advance
Synopsys

MCM, HYBRID & PACKAGING DESIGN

Cadence
Zuken - Redac
Ansys - Ansoft
Mentor
Infinite Graphics
YDC
Intercept
Applied Simulation Technology
- Contec
Beach Solutions
CAD Design Software
HDL Works
Norlinvest Ltd.
Relative Metrics Inc.
Rio Design
Sigrity - Harris
Synopsys
Tanner EDA
Taray
US Cad (Autodesk)
Xyalis

PCB SPICE

Cadence - Orcad - Microsim
Mentor
National Instruments
Norlinvest
YDC
Agilent EEsof EDA
ALS Design
Altium
Ansys - Ansoft -
Compact Software
Applied Simulation Technology
- Contec
Avista Design
Beige Bag Software
CAD-Migos
Deutsch Research
Electronics Workbench
Intusoft
Penzar
Sagebrush Systems
Simucad - Silvaco
Spectrum Software
Synopsys
Tanner EDA
Vamp

PCB