

SYSTEM DESIGN AUTOMATION

SDA DESIGN & SIMULATION

SDA DESIGN & SIMULATION

EDaptive
IBM
MathWorks
Agnisys
Mentor
MSC Software
Mirabilis

ELECTRONIC SYSTEM LEVEL

BEHAVIORAL

ARCHITECT'S WORKBENCH

MathWorks
Mentor - Summit
Catalytic
CoFluent
Concurrent EDA
Synopsys

NETWORK SIMULATION

ArchSile
Synopsys

ARCHITECTURAL DESIGN

ESL HARDWARE

ESL DESIGN & ENTRY

Synopsys
Atrenta
CoFluent
Mentor
Actis
Agilent
Agnisys
Aldec
Bellum
Cadence
Codetronix
Doulog
Easics
Expressive Systems
Handshake Solutions
HyPerformix (SES)
InterDesign Technologies
MataiTech
Mirabilis
National Instruments
Poseidon Design Systems
Prosilog
S2C
Sankhya Technologies

ESL SYNTHESIS

Mentor
Forte
Bluespec
Synopsys
ACE
AutoESL
Axilica
Cadence
ChipVision
Concurrent EDA
Synfora
Impulse Accelerated Technologies
MathWorks
NEC
PolyCore Software
Synfora
Xilinx
Y Explorations
SystemCrafter

SOC INTEGRATION PLATFORM

Beach
Doulog
Magellim
Mataitech

SILICON VIRTUAL PROTOTYPE

Atrenta
Cadence
Doulog
ENTASYS
Mentor

ESL SIMULATION

Mentor
Aldec
ARM
Bluespec
Carbon
MathWorks
Mesquite Software

ESL TARGET COMPILER

Sonics
Agnisys
Arteris
Atrenta
Carbon
Denali
Doulog
iNoCs
Inventure
Mentor
Mirabilis
NISC
PDTi (Productivity Design Tools)
Semifore
Silistix

APPLICATION ENGINE COMPILER

BINACHIP
Critical Blue
Mirabilis
Poseidon
Synfora
Synopsys
Target Compiler Technologies
Tensilica
Virage

ESL POWER ANALYSIS

Apache
ChipVision
ChipVision
Mentor
Atrenta
DOCEA
Entasys
Mirabilis

ACCELERATOR LIBRARY & DEVELOPMENT TOOLS

Forte

ES LEVEL RF DESIGN

Agilent EEsof EDA
AWR
Ansys

ESL SOFTWARE

PARALLEL PROGRAMING

CiLK Arts
Connective Logic
Cray
Gedae
IBM
Intel
MathWorks
MBA Sciences
NVIDIA
Oracle- Sun
PolyCore Software
Sankhya
Silicon Hive

ESL COMPILER

ACE
CodePlay

ALGORITHM DEVELOPMENT & OPTIMIZATION

Critical Blue
GRID
Sigmatix

MODEL DEVELOPMENT TOOLS

ARM - Axys
Bluespec
Carbon
Embedded Systems Environment
Infiniscale
Mentor
Prosilog
Synopsys
Virage

MULTICORE DEVELOPMENT TOOLS

3L, Ltd
Allinea Software
American Ariam
Axiom
B Labs
Cavium - Monta Vista
Codeplay Software
Critical Blue
ENE
eXludas
First Silicon Solutions
Green Hills Software
Intel
Intelliasys
Mathworks
Mentor
National Instruments
Nohau Elektronik
Plurality
QNX Software Systems
RapidMind
RoweBits Research
Segger Micro
Stream Processors
TotalView Tech
Virage

SOFTWARE VIRTUAL PROTOTYPE

Synopsys
Intel - Virtutech
ARM
ASTC
Carbon Design Systems
Imperas
Mentor - Summit

ESL VERIFICATION

INTELLIGENT TESTBENCH

Mentor
Breker
Cadence
Springsoft
NuSym
Zocalo Tech

ESL FORMAL VERIFICATION

Calypto
Esterel - Technologies
MathWorks

ESL TEST & VERIFICATION

Agnisya
Avery
Beach Systems
Cadence - Verisity - Inspec
Diagonal Systems (DS)
IBM
JEDA
Levetate Design Systems
MataiTech
Mentor
Semifore
Source III
SpringSoft
Structural Design Verification
Synapticad
Temento
TransEDA

ESL CO-VERIFICATION

Cadence
Mentor
Tarek

TRANSACTION-BASED ACCELERATION & EMULATION

Cadence
EVE
Mentor

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
Avidia
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

DESIGN LIBRARIES

Synopsys
Agilent EEsof EDA
Zuken - Redac
Ansys - Ansoft -
Compact Software
Cadence
Caesium
Cast
Hantro
Intusoft
Levetate Design Systems
Library Technologies
Mentor
SynapticAD
Tanner EDA

ENTERPRISE & CIS TOOLS

Dassault
PTC
Hyperformance
Oridus
IC Manage
ClioSoft
Precience
Agilent
ALS
Aprisa
Arena Solutions
Cadence - Orcad
Design and Reuse
Mentor
OpenIT
Partminer
Posedge
Translogic
YDC
Zuken

INTEROPERABILITY TOOLS

Platform Computing
Cadence
Sybase
ATA Engineering
Precience
Aldec
Attune Systems
Avery
Clisoft
DataXpress
Electronic Tools Co.
IBM
Interra Systems
LSI Logic
Mentor
MethodICs
MicroEDA
NEC
Oasis Tooling
Pinebush Technologies
Precience - (CADsoft)
Q Point Technology
Router Solutions
Saratoga Data Systems
Softtech -
Workgroup Technologies
SoftJin
Source III
Synopsys
Tanner
Tuscany
X-Tec
Zuken

TIMING DESIGN

Synopsys
Cadence
Extreme DA
CLK Design Automation
Atrenta
Averant
Avertec
EMA - Forte - Chronology/
Cynapps
FishTail Design Automation
IBM
Incentia Design Systems
Magma
Mentor
Real Intent (Validity)

RTL FUNCTIONAL VERIFICATION

Cadence
SpringSoft
Aldec
Avery
Blue Pearl Software
Maia
NextOp
nSys
Real Intent (Validity)
YogaTech
Zocalo

FORMAL VERIFICATION

Cadence
Synopsys
Axiom Design Automation
Jasper - Safelogic
Mentor
Calypso
Magma
OneSpin
Prover Technology

FORMAL ANALYSIS

Mentor
Cadence - Verplex
Averant (HDAC)
Real Intent
Atrenta
Assertive Design
Avery
Axiom Design
IBM
Jasper
Jeda
NEC
OneSpin
Synopsys
Veritable

VHDL SIMULATION

ALDEC
Adveda
ALS Design
Cadence
Dolphin Integration
Green Mountain
IK Tech
Impulse Accelerated
Technologies
Mentor
MyCAD
Symphony EDA
Synopsys - Zycad

VERILOG SIMULATION

Fintronic
ALDEC
Axiom Design
Cadence
Dolphin Integration
Mentor - Innoveda
Pragmatic C Software
Simucad - Silvaco
Synopsys - Avant! - Frontline
Tau Simulation
TransEDA
Winterlogic

MIXED-LANGUAGE SIMULATION

Synopsys
Mentor - Innoveda
Cadence
Dolphin Integration
Fintronic
ALDEC

MIXED-SIGNAL SIMULATION

Mentor
Synopsys
Cadence
Agilent EEsof EDA
ALS Design
Ansys - Ansoft
Dolphin Integration
FTL Systems
Simucad - Silvaco
uSysintegral
Zuken

RTL DESIGN & ENTRY

Cadence - Denali
Mentor
TransEDA
Veritools
EMA
ALDEC
Apache
ATA
Atrenta
Concept Engineering
Dolphin Integration
Expressive Systems - (Vizef)
Hantro
HDL Works
Interra Systems
Javelin
Jeda
Levetate
Magma
Obsidian Software
SoftJin
Source III
Stelar Tools
SynapticAD
Synopsys
Tanner EDA
Time-Rover
Translogic
VeriEZ
Verific
Willamette

POWER DESIGN

Synopsys
Ansys
Atrenta
Apache
ASC
BULLDAST
Calypso
Library Technologies
Mentor
TNI-Valiosys-TransEDA
Veritools

DESIGN DEBUG

SpringSoft - Novas Software
Atrenta
Axiom - Protometer
Real Intent
Synopsys - Synplicity
Veritools
Virage

LOGIC SYNTHESIS

Synopsys
Magma
Mentor - Exemplar
Cadence
Aldec
ALS Design
Altium (Protel)
ATA
BlueSpec
Derivation Systems
FTL Systems
Incentia Design Systems
Oasys
Pacific Design
SynApps
Tiempo
Verific/Softjin
Xilinx

SIGNAL-INTEGRITY DESIGN

Synopsys
Ansys
Cadence
Applied Simulation Technology
Magma
Mentor
Quantic

EMI DESIGN

Ansys
Applied Simulation Technology
Mentor
NorInvest
National Instruments
Lorentz Solutions
Premier EDA Solutions Ltd
Zuken - Incases

HW/SW CO-VERIFICATION

Mentor
Carbon Design
Adveda
Agilent EEsof EDA
Aldec
Cadence
Synopsys - CoWare
Dolphin Integration
Endeavor Intertech
Foresight Systems
TNI-Valiosys - Arexsys

DESIGN TEAM - ACCELERATION & EMULATION

Hardware
EVE
Mentor
Gidel
Cadence - Verisity - Axis
GateRocket
Star Bridge Systems

Rapid Prototype

Synopsys
ChipIt
Aldec (Alatek)
Auspy
Dini Group
Dynalith Systems
Impulse
Mentor - Aptix
Pittsburgh Simulation

Software

Synopsys - Synplicity

DFT TOOLS

Synopsys
Mentor
Atrenta
Genesys
SynTest Technologies
Cadence
Acugen
Alpine
ASC
Asset Intertech - TI
Astek
Comit
DeFacTo Technologies
Flynn Systems
Incentia Design Systems
Intellitech
Intusoft
iROC Technologies
Macraigor Systems
Magma
Simucad - Silvaco
Teseda (Deft)
Winterlogic
Zuken

RT LEVEL

RF DESIGN & SIMULATION

Agilent EEsof EDA
Ansys - Ansoft
AWR
Cadence
Accelicon - Knowlent
AWR
Berkeley Design
Computer Simulation
Technology (CST)
Helic
Interactive Products
Mentor - ZeLand Software
OEA International
Optotek
Simucad - Silvaco
Sonnet Software (KCC Ltd.)
Webb Labs

ANALOG DESIGN

Accelicon
Anadigm
AnalogRails
Anasift Technology
AVP
Berkeley Design
Cadence
Infiniscale
Lynguent
Magma - Sabio
Mephisto Design Automation
MunEDA
Nostral
Orora Design Technologies
Silicon Frontline
Simucad - Silvaco
Solido Design Automation
SynCira
Synopsys
Tanner
Zeni EDA Systems

SCHEMATIC CAPTURE

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

GATE LEVEL SIMULATION

ALDEC
ALS Design
Ansys - Ansoft
Cadence
Capilano Computing
Intusoft
Mental Automation
Mentor
National Instruments
Simucad - Silvaco
Sophia Systems
SprinSoft - Novas
Tanner EDA
Zuken-Redac - Veda

GATE LEVEL / TRANSISTOR LEVEL DESIGN

Ansift
Cadence
Concept Engineering
Silicon Frontline
Solido Design Automation
Synopsys
Tanner

VERIFICATION TEAM ACCELERATION & EMULATION

Cadence - Quickturn
Mentor

ANALOG SIMULATION

Cadence
Synopsys
Ansys
Intusoft
YDC
Zuken
ALS Design
Cybereda
Dolphin Integration
Legend Design
Technology
Mentor
Number One Systems
Tanner EDA

GATE LEVEL