

ELECTRONIC SYSTEM LEVEL

BEHAVIORAL DESIGN

+ Architect's Workbench

MathWorks
Intel - CoFluent
Cadence - Jasper
Concurrent EDA
COSIDE
Docea
IBM - Telelogic - iLogix
Mentor - Summit
Mirabilis
MLDesign
ProximusDA
Space Codesign
Synopsys - Cadis

+ Network Simulation

ArchSile
Synopsys - CoWare

ESL HARDWARE

+ ESL Design & Entry

Synopsys - CoWare - LisaTek
Mentor
Intel - CoFluent
Actis
Agnisys
Aldec
ARM - Duolog
Atrenta
Bellum
CA Technologies - Hyperformance (SES)
Cadence
Codetronix
COSIDE
Easics
Expressive Systems
InterDesign Technologies
Keysight EEs of EDA
MataiTech
Mirabilis
National Instruments
Poseidon Design Systems
Prosilog
S2C
Sankhya Technologies

+ High Level Synthesis (HLS)

Cadence - Forte - Chronology/Cynapps - Calypto - Mentor
Bluespec
Synopsys - Target Compiler Technologies
ACE - Compaan Design
Aldec
Algotochip
Axilica
Concurrent EDA
Impulse Accelerated Technologies
MathWorks
NEC
Space Codesign
SystemCrafter
Xilinx
Y Explorations

+ SoC Integration Platform

Atrenta
Cadence - Chip Estimate
ARM - Duolog
Magellim
Mataitech
Parallel Engines
Sapient-IC

+ Silicon Virtual Prototype

Atrenta
Chip Path
ENTASYS
Magillem
Mentor
ProximusDA
Xilinx

+ ESL Power Analysis

Mentor
Ansys - Apache - Sequence
Atrenta
DOCEA
Entasys
Mirabilis

ARCHITECTURAL DESIGN

+ ESL Simulation

Cadence
Synopsys
Aldec
ARM
ASTC/VLAB
Bluespec
Carbon Design
COSIDE
Imperas
MathWorks
Mentor
Mesquite Software
Xilinx

+ ESL Target Compiler

Agnisys
ARM - Duolog
Atrenta
Cadence - Denali
Carbon Design
Codasip
iNoCs
Inventure
Memoir
Mentor
Mirabilis
NISC
PDTi (Productivity Design Tools)
Semifore
Sillistix
System RDL

+ Application Engine Compiler

BINACHIP
Cadence - Tensilica
Critical Blue
Mirabilis
Poseidon
Synopsys - CoWare - LISATek
Sankhya

+ ESL Thermal Analysis

DOCEA

+ Accelerator Library & Development Tools

Cadence - Forte - Arithmatica

+ ES Level RF Design

Keysight EEs of EDA
National Instruments - AWR
Ansys - Ansoft - Simec
COSIDE

+ Platform IP

ARM - Sunrise Micro Devices
Imagination - MIPS
Sonics
Arteris
Cadence - Tensilica
CEVA
Synopsys

+ Parallel Programming

ACE - Compaan
Connective Logic
Cray
CriticalBlue
Gedae
IBM
Intel - CiLK Arts
MathWorks
MBA Sciences
NVIDIA
Oracle - Sun
Proximus
Rocketick
Sankhya
Silicon Hive
Vector Fabrics

+ ESL Compiler

ACE
CodePlay
Synopsys - Target Compiler Technologies

+ Algorithm Design & Optimization

Synopsys
Cadence - Forte
COSIDE
Critical Blue
Sigmatix

+ Model Development Tools

Carbon Design - Axys
Mentor - SpiraTech
Agnisys
ASTC/VLAB
Bluespec
CircuitSutra
COSIDE
Embedded Systems Environment
Imperas
Infiniscale
Intel
Prosilog
Synopsys - Target Compiler Technologies

+ Software Synthesis

Agnisys
COSIDE
M2B
Mathworks
Vayavya Labs (Vlabs)
Verum

ESL SOFTWARE

+ Embedded Software Development Tools

ARM - Keil
Mentor - CodeSourcery
3L, Ltd
Allinea Software
American Arium
AMIQ
Argon
ASSET InterTech - Arium
Axiom - SysChip
B Labs
Cadence
Cavium - Monta Vista
Codeplay Software
Critical Blue
Elbrus
ENEA
eXludas
Express Logic
First Silicon Solutions
Green Hills
Imperas
Intel
Intelliasys
Klocwork
Lauterbach
MathWorks
National Instruments
Nohau Elektronik
Plurality
PolyCore Software
QNX Software Systems
RapidMind
RoweBits Research
SECO
Segger Micro
Stream Processors
Symtavision
TenAsys
TotalView Tech

+ Software IP

ARM - Wicentric
Broadcom
Mentor
Mirabilis Design
Synopsys - Coverity

+ Software Virtual Prototype

Synopsys
Intel - Virtutech
Imperas
Mentor
ARM
ASTC/VLAB
Cadence
Carbon Design
COSIDE
Qemu
Space Codesign
Xilinx
Virtual Devive Technologies

+ Other Software

Synopsys
Roadwave
Imperas

ESL VERIFICATION

+ Intelligent Test Bench

Mentor - Lighthouse (Silicon Forest)
Agnisys
Breker
Cadence - Verisity - Inspec
COSIDE
Synopsys - Springsoft - Certess
Zocalo Tech

+ ESL Test & Verification

Magillem
Agnisys
Avery
Cadence - Verisity - Inspec
COSIDE
Diagonal Systems (DS)
ARM - Duolog - Beach Systems
IBM
JEDA
Levetate Design Systems
MataiTech
Mentor
Semifore
Source III
Structural Design Verification
Synapticad
Synopsys - Springsoft - Novas
Temento
Xilinx

+ Transaction-based

Acceleration & Emulation
Cadence
Mentor
Synopsys- EVE
Aldec
Tarek

+ ESL Formal Verification

Mentor
Cadence - Jasper
Calypto
COSIDE
MathWorks
OneSpin

+ Timing Analysis

Ansys - Ansoft - Pacific Numerix
Cadence - Simplex - Altius
CLK Design Automation
Dorado
EMA - Cronology
Incentia
INVARIAN
Library Technology
Mentor
Silvaco
SiSoft
Synopsys - NASSDA
YDC

+ Signal - Integrity Analysis

Synopsys
Cadence - Simplex - Snaketech
Ansys - Apache Design Solutions
Zuken
Quantic
OptEM Engineering
Altium (Protel) - Accel (Incases)
OptEM Engineering
YDC
Fujitsu
ALS
Applied Simulation Terchnology - Contec
CLK Design Automation
CST
Keysight EEsof EDA
Mentor - Veribest (Intergraph)
National Instruments
OEA International
SiSoft
TDA Systems

+ EMI Analysis

Ansys - Ansoft
OptEM Engineering
Applied Simulation Terchnology - Contec
Altium (Protel) - Accel
Cadence - Simplex
Coupling Wave Solutions (CWS)
CST
E-Systems
Fujitsu
GRID
Integrand Software
Integrated Engineering Software
Integrity Engineering
iROC Technologies
Keysight EEsof EDA
Liberty Research
Magwell
Mentor - ZeLand Software
National Instruments - Elect Workbench
Number One Systems
Pextra
Polar Instruments
Quantic
Qwed
Simbeor
Simberian
Sonnet (KCC Ltd.)
Spectrasoft
Synopsys - Viewlogic
Ultimate Technology Bv
Vector Fields Ltd.
YDC
Zuken - Racel-Redac

+ Power Analysis & Optimization

Ansys - Apache Design Solutions
Cadence - Simplex
Applied Simulation Terchnology - Contec
ARM - Prolific
CST
Envis (Envision Technology)
GRID
INVARIAN
Keysight EEsof EDA
Library Technologies
Mentor
OEA International
Physware
Proficient Design
Silvaco
Synopsys - Synplicity - Iota
Veritools

+ Thermal Analysis

Mentor - Flowmaster
Ansys - Apache Design Solutions
Analysis Tech
Applied Thermal Technologies
Cadence - Sigrity
Daat Research
DOCEA
Dynamic Soft
Infolytica
Integrated Engineering Software
Keysight EEsof EDA - Gradient
Magsoft
Maya Heat Transfer
Silicon Frontline
Silvaco
ThermoAnalytics
Zuken

+ Structured Regular Silicon

Nangate
PDF - Fabbix
Telos

+ IC SPICE & SPICE Like Simulation

Synopsys - Avant! - Meta-Soft
Silvaco
Mentor - Tanner EDA
ProPlus Design Solutions
Applied Simulation Terchnology - Contec
Accit - New Systems Research
Ansys - Apache Design Solutions
Cadence
EdXact
ICScape
Infinisim
Keysight EEsof EDA
Legend
Nascentric
OptEM Engineering
Schematica
SOIGUINE
Symica
Unique ICs
Vivid Engineering

+ DRC

Mentor
Synopsys - Avant! - ISS
Cadence- Blda Bell Labs
Silvaco
CAD Science
Celesda
iDRM
Micologic (MDA)
Polyteda Software
SAGE Design Automation

+ Extractors

Ansys - Ansoft
Cadence - Simplex - Coyote Systems
ICScape
Mentor
OEA International
Pextra
Physware
Polar Instruments
Silicon Frontline
Silvaco
Synopsys - Avant!

+ T-CAD

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

+ RET

Mentor Graphics
Synopsys - SIGMA-C
Cadence - K2 Technologies
Anchor Semiconductor
Applied Materials
ASML Masktools - Microunity
Gauda
Lafin
Luminescent
Silvaco
Stabie-Soft
Tessera
XYALIS

+ DFY & Process Models

Mentor Graphics
Synopsys - Magma - Knights Technology
Cadence - Praesagus
ProPlus Design Solutions
Anchor Semiconductor
ASML Masktools - Brion
DFMSim
Gold Standard Simulatiois
KLA -Tencor
MunEDA
Nannor Technologies
PDF Solutions
Predictions Software
Solido
Stone Pillar
Stratosphere Solutions
Takimi Technologies
Tela - Blaze - Aprio Technologies

+ Post Silicon Validation

ASSET
Cadence - Jasper
Mentor - LogicVision
Synopsys - Springsoft
Techtronics - Veridae
Vennsa

+ Reliability & Metal Migration

Quantic
Ansys - Apache
Cadence - Celestry - Ultima/BTA
DfR
iROC
Micrologic
ProPlus Design Solutions
Silicon Frontline
Synopsys - Epic

+ Asynchronous Design

Blendics
CLK - Synchronous Design Automation
Fulcrum
Tiempo
Wave Semiconductor

+ ASIC Layout

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

+ Custom Layout

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

+ Other IC Layout

Ansys - Apache - Sequence
Artwork Conversion
Athena
Cadence - Azuro
Cyclos Semi
Dolphin Integration
Dorado
Entasys
Flexras
ICScape
Keysight EEsof EDA
Lafin
Library Technologies
MicroEDA
MunEDA
Pinebush Technologies
ProPlus Design Solutions
Saratoga Data
Shearwater
Silistix
Silvaco
Simbeor
Solido
Stabie-Soft
Synopsys - Magma
Teklatech
Tool Corporation
XYALIS

+ Physical Libraries (IP)

ARM - Artisan - NurLogic
Synopsys - Virage - Mentor
Ansys - Apache
Aragio
Cadence - Excellent Design
Camgian Microsystems
Keysight EEsof EDA
Mentor - Tanner EDA
NewLogic
Nordic VLSI
QualCore - LEDA Systems
Semtech
Silicon Design Solutions
SypherMedia
Tela

+ Target Compiler

Silvaco
MicroMagic
ARM - Artisan - VLSI Libraries
Cadence
Dolphin Integration
Fliptronics
Helic
Interra Systems
Menta
Mentor - Veribest (Intergraph)
Synopsys - Avant! - Compass
Tela Innovations

+ Library Development Tools

Keysight EEsof EDA
ARM - Prolific
Cadence - Altos
CLK Design Automation
Concise Logic
Fractal (Fenix spinout)
Gold Standard Simulations
GRID
Legend Design Technologies
Library Technologies
Mentor
Nangate
ngenic
ProPlus Design Solutions
Silvaco
Synopsys
Z Circuit

SYSTEM DESIGN AUTOMATION

+ SDA Design & Simulation

EDaptive
MathWorks
Mirabilis
Agnisys
IBM - Telelogic - iLogix
Mentor
MSC Software

PCB

+ PCB Design

Mentor
Cadence - Orcad - Microsim
Zuken - Racal-Redac
Altium (Protel) - Neurocad
Ansys - Ansoft
Intercept - Xynetix (Harris)
Keysight EEsof EDA - Eagleware - Elanix
AcAe-Software
Aldec
ALS Design
Autodesk - US CAD
AutoTRAX
CAD Design Software
CADint
Cad-Migos
ConnectEDA
Douglas Electronics
EMA - Design Advance
Fujitsu
IMSI
Intercept Technology
McDAD EDA
Mental Automation
National Instruments - Elect Workbench
Novarm Software
Number One Systems
Penzar
Polar Instruments
Precience (Element 14 - CADSoft)
Premier EDA Solutions
Sophia Systems
Spectrum Software
YDC
Ziegler Informatics

+ Schematic Capture

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

+ PCB CAM

Mentor
Frontline (Orbotech & Mentor)
Zuken - Redac
Infinite Graphics
YDC
Adiva
Altium (Protel) - Inovative CAD
Ansys - Ansoft
Asset - Intertech
BQR
CAD Design Software
Cadence - CCT - Unicad
Douglas Electronics
Downstream Technologies
Frontline Design Automation
GraphiCode
Intercept Technology
MasterCAM
PTC - Ohio Design Automation
Step Tools
Technomatix - Unicam
T-Tech
Unisoft
Wise Software Solutions

+ Multichip

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

+ Package Design

Mentor
Ansys - Apache
Cadence
E-System Design

+ PCB SPICE

Cadence
National Instruments
YDC
Mentor - Tanner EDA
Keysight EEsof EDA
ALS Design
Altium
Ansys - Ansoft - Compact Software
Applied Simulation Technology - Contec
Beige Bag Software
CAD-Migos
Intusoft
Penzar
Silvaco
Spectrum Software

3D IC

+ 3D IC Simulation

Cadence
Mentor - Nimbic

+ 3D IC Pathfinding

Atrenta
MicroMagic
R3Logic

+ 3D IC Floorplanner

R3Logic
Synopsys - Magma

+ 3D IC Analysis

Ansys - Apache
Cadence - Sigrity
Docea
INVARIAN
Mentor
Synopsys

+ 3D IC Layout

R3Logic
Cadence
Mentor

+ 3D IC Modeling

Aldec
Ansys
Altium
Intercept

OTHER DESIGN DOMAINS

+ Optical Design

Synopsys - ORA

+ Wire & Harness

Zuken
Mentor
Altium
Ansys
Cadence

+ Mechanical

Ansys - SpaceClaim
AutoDesk
Dassault Systems
Mentor
MSC
PTC
Siemens - Unigraphics

MISC

+ Design Libraries

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

+ Design Ware (SIP)

ARM
Synopsys
CEVA
Sibridge
Adapt-IP

+ Enterprise & CIS Tools

Zuken
IC Manage
Dassault - Synchronicity
PTC - Ohio Design Automation
Oridus
ClioSoft
ALS
Aprisa
Arena Solutions
Cadence - Orcad
Design and Reuse
Dorado
Hyperformance
Keysight EEsof EDA
Mentor - Veribest (Intergraph)
Missing Link Tools
OpenIT
Partminer
Posegde
Precience
Sapient Systems
Satin
SiCAD
Translogic

Univa
Xuropa
YDC
Zentera

+ Interoperability Tools

Synopsys
Cadence - Orcad - Team Corp.
Sybase
ATA Engineering
Aldec
Attune Systems
Avery
Clisoft
DataXpress
Electronic Tools Co.
IBM - Rational
Interra Systems
Invionics
LSI Logic
Mentor -Tanner EDA
MethodICs
MicroEDA
NEC
Oasis Tooling

Pinebush Technologies
Precience - (Element 14 - CADSoft)
Q Point Technology
Router Solutions
Saratoga Data Systems
Softtech - Workgroup Technologies
SoftJin
Source III
Tuscany
X-Tec
Zuken

+ EDA Middleware

Runtime Design Automation
Softjin
Spatial
Verific

RT LEVEL

+ Formal Verification

Cadence - BLDA Bell Labs
Synopsys - Magma (IBM)
OneSpin
Calypto
Mentor - Axiom
Prover Technology

+ Formal Analysis

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

+ RTL Design & Entry

Synopsys
Cadence-Dai - Idealogy
TransEDA
Atrenta
Mentor-Tanner EDA
Veritools
Verific
Aldec
Ansys - Apache - Sequence
ARM - Obsidian Software
ATA
Ausdia
Blue Pearl Software
Concept Eengineering
Dolphin Integration
EMA - Chronology/Cynapps
Excellicon
Expressive Systems - (Vizef)
FishTail
Fractal
Hantro
HDL Works
Interra Systems
Jeda
Levetate
OneSpin
Real Intent
Sigasi
SoftJin
Source III
Stelar Tools
SynaptiCAD - ASC
Time-Rover
Translogic
VeriEZ
Willamette

+ Design Debug

Aldec
ASIC Analytic
Atrenta
Cadence - Jasper
Concept
Mentor
NextOp
Real Intent
Severity
Synopsys - Virage
Vennsa
Veritools

+ HW/SW Co-Verification

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

+ VHDL Simulation

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

+ Rapid Prototype

Synopsys - Synplicity - Hardi
The Dini Group
Aldec (Alatek)
Bluespec
Cadence
ChipIt
Dynamith Systems
Gidel
HAPS
HiperSilicon
HiTech Design
HOENS
Impulse
Polaris Design
Reflex
RPP
S2C

+ Verilog Simulation

Fintronic
Synopsys
Cadence - Verisity - Axis
Aldec
TransEDA
Dolphin Integration
Mentor - Innoveda
Real Intent
Silvaco
Tachyon (Pragmetec C Software)
Tau Simulation
Veripool
Winterlogic

+ Mixed-signal Simulation

Mentor
Cadence - BLDA Bell Labs
Ansys - Ansoft
Dolphin Integration
FTL Systems
Keysight EEsof EDA
ProPlus Design Solutions
Silvaco

+ Logic Synthesis

Synopsys
Cadence - Forte
Mentor - Oasys
Aldec
ALS Design
Altium (Protel) - Accolade (Metamore)
ATA
Derivation Systems
FTL Systems
Incentia Design Systems
Pacific Design
SynApps
Tiberon DA
Tiempo

+ Verification IP

Arrow Devices
Cadence
Kozio
Mentor
Sibridge
SmartDV
Synopsys
Test and Verifivation Solutions
Truechip Solutions

+ Mixed-language Simulation

Synopsys
Cadence
Mentor - Veribest (Intergraph)
Aldec
AXIOM
Dolphin Integration
Fintronic
Tachyon (Pragmetec C Software)

+ Timing & Signal-integrity Design

Ansys - Ansoft - Pacific Numerix
Synopsys
Cadence - Verplex - Verisity
Atrenta
CLK Design
Applied Simulation Technology - Contec
Ausdia
Averant
Avertec
FishTail
Fujitsu
Incentia Design Systems
Mentor - Veribest
Real Intent

+ Power Design

Synopsys - System Science
Ansys - Ansoft - Pacific Numerix
Atrenta
Mentor - Innoveda
ASC
BULLDAST
Calypto
Library Technologies
Veritools

+ EMI Design

Applied Simulation Technology - Contec
Fujitsu
Ansys - Ansoft - Pacific Numerix
Lorentz Solutions
Mentor - Flomerics
National Instruments - Electronics Workbench
Premier EDA Solutions Ltd
Zuken - Incases
Cadence

+ DFT Tools

Mentor
Synopsys - Viewlogic
Cadence - IBM
SynTest Technologies
Atrenta
Acugen
Alpine
ASC
Asset Intertech - TI
Astek
ATEEDA
Comit
DeFacTo Technologies
Dolphin - Genesys
Flynn Systems
Incentia Design Systems
Intellitech
Intusoft
iROC Technologies
Macraigor Systems
Silvaco
Teseda (Defit)
Winterlogic
Zuken

GATE LEVEL

+ RF Design & Simulation

Keysight EEsof EDA
Ansys - Ansoft - Eagleware - Elantix
National Instruments - AWR
Cadence - Neoliner
Synopsys
Silvaco
Ago
Computer Simulation Technology (CST)
Helic
Interactive Products
Mentor - ZeLand Software
OEA International
Optotek
Sonnet Software (KCC Ltd.)
Webb Labs

+ Gate Level / Transistor Level Design

Ansys-Ansoft
Cadence - Chip Estimate - Giga Scale
Concept Engineering
Mentor - Tanner EDA
ProPlus Design Solutions
Silicon Frontline
Solido Design Automation
Synopsys - Sandwork Design

+ Gate Level Simulation

ALDEC
ALS Design
Ansys - Ansoft
Cadence
Capilano Computing
Intusoft
Mental Automation
Mentor
National Instruments - Elect Workbench
ProPlus Design Solutions
Silvaco
Sophia Systems
Synopsys - Springsoft - Novas
Zuken-Redac - Veda

+ Analog Design

Cadence - Antrim
National Instruments - AWR
Ansys - Apache
Ago
Anadigm
AnalogRails
Anasift Technology
Asygn
AVP
G-Analog
Infinscale
Keysight EEsof EDA - Accelicon
Lynguent
Mentor - Tanner EDA
Mephisto Design Automation
MunEDA
Nostral
Orora Design Technologies
ProPlus Design Solutions
Silicon Frontline
Silvaco
Solido Design Automation
SynCira
Synopsys - Analog Design Automation
Zeni EDA Systems

+ Analog Simulation

Synopsys - Avant! - Analogy
Cadence- BLDA Bell Labs
Ansys - Ansoft
National Instruments
YDC
ALS Design
Cybereda
Dolphin Integration
G-Analog
Intusoft
Legend Design Technology
Mentor - Veribest (Intergraph)
Number One Systems
ProPlus Design Solutions
Zuken