

## Timing Analysis

ANSYS - Ansoft - Pacific Numerix  
Cadence  
CLK Design Automation  
Dorado  
EMA Design Automation  
Incentia  
INVARIAN  
Library Technology  
Mentor Graphics  
Silvaco  
SiSoft  
Synopsys - NASSDA  
Zuken - YDC

## Signal Integrity Analysis

Synopsys  
Cadence  
ANSYS - Apache Design Solutions  
Zuken - YDC  
Quantic  
OptEM Engineering  
Altium (Protel) - Accel (Incases)  
Fujitsu  
ALS  
Applied Simulation Technology  
AtaiTech  
CLK Design Automation  
CST  
Keysight EEsof  
Mentor Graphics  
National Instruments  
OEA International  
SiSoft  
TDA Systems

## EMI Analysis

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

## Power Analysis & Optimization

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

## Thermal Analysis

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

## Structured Regular Silicon

Nangate  
PDF - Fabbix  
Telos

## IC SPICE & SPICE Like Simulation

Synopsys  
Silvaco  
Mentor Graphics - BDA - Tanner EDA  
ProPlus Design Solutions  
Applied Simulation Technology  
Accit - New Systems Research  
ANSYS - Apache  
Cadence  
EdXact  
ICscape  
Infinisim  
Keysight EEsof  
Legend  
Nascentric  
OptEM Engineering  
Schematica  
SOIGUINE  
Symica  
Unique ICs  
Vivid Engineering

## DRC

Mentor Graphics  
Synopsys  
Cadence  
Silvaco  
CAD Science  
Celesda  
iDRM  
Micologic (MDA)  
Polyteda Software  
SAGE Design Automation

## Extractors

ANSYS - Ansoft  
Cadence  
ICscape  
Mentor Graphics  
OEA International  
Pextra  
Physware  
Polar Instruments  
Silicon Frontline  
Silvaco  
Synopsys

## 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 Simulations  
KLA -Tencor  
MunEDA  
Nannor Technologies  
PDF Solutions  
Predictions Software  
Solido  
Stone Piller  
Stratosphere Solutions  
Takimi Technologies  
Tela - Blaze - Aprio Technologies

## Post Silicon Validation

Asset Intertech  
Cadence - Jasper  
Mentor Graphics - LogicVision  
Synopsys - Springsoft  
Techtronics - Veridae  
Vennsa

## Reliability & Metal Migration

Quantic  
ANSYS - Apache  
Cadence - Celestry - Ultima/BTA  
DFR  
iROC  
Micologic  
ProPlus Design Solutions  
Silicon Frontline  
Synopsys - Epic

## Asynchronous Design

Blendics  
CLK - Synchronous Design Automation  
Fulcrum  
Tiempo  
Wave Semiconductor

## ASIC Layout

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

## Custom Layout

Cadence  
Synopsys  
Jedat  
Mentor Graphics - 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  
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  
Mentor Graphics - 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 Graphics  
Synopsys  
Tela Innovations

## Library Development Tools

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