

FOUNDATION PLATFORMS

Foundation Platforms	Product	Markets Targeted
Allwinner Technology	A Series	mobile, consumer
Apple	Ax	consumer
Applied Micro	X-Genie	networking
Broadcom	several	networking, consumer
Calxeda	EnergyCore	servers
Cavium	ECONA	networking
	OCTEON	networking
	PureVu	video processing
Conexant	CX92125	computing
CSR plc	Quatro	computing
	SIRF	auto
	CSR8000	audio
Freescale	i.MX	industrial, medical, auto, consumer
	QorIQ	consumer, industrial, networking
Intel	Atom	mobile
Marvell	ARMADA PX series	consumer, mobile, networking, servers
MediaTek	MT series	mobile, consumer
Mindspeed	Comcerto	networking
Nordic Semiconductor	ANT	sensors
Nvidia	Tegra	mobile, auto, medical
Qualcomm	Snapdragon	mobile
Renesas Electronics	R-Mobile	mobile
	R-Home	consumer
	R-Car	auto
Fuzhou Rockchip Electronics	RK Series	consumer, mobile
Samsung	Exynos	mobile
Sigma Designs	several	consumer
Spreadtrum Communications	Mocor platform	mobile
	SC series	mobile
ST	NovaThor	mobile
Texas Instruments	OMAP, Sitara	consumer, industrial, auto
	Hercules	auto

FUNCTIONAL PLATFORMS

Functional Platforms	Product	Markets Targeted
AMD	Fusion	servers
ARM	Cortex	mobile, servers, industrial, networking, consumer, servers, medical
	Mali	graphics
Atmel	maXTouch T	industrial, mobile
Evatronix	8051 Platform	controllers
Imagination - MIPS	POWERVR	graphics, consumer, mobile, networking
Infineon	TriCore	auto, industrial
Intel	SoC	mobile
	Core	PC
Nvidia	Tesla	graphics
	GeForce	graphics
ZiiLABS	ZMS	mobile

PROGRAMMABLE PLATFORMS

Programmable Platforms	Product	Markets Targeted
Altera	Cyclone III	industrial
Cypress Semiconductor	PSoC	industrial
Xilinx	Zynq	auto, industrial
	Autodesk - US Cad	

APPLICATIONS PLATFORMS

Applications Platforms	Product	Markets Targeted
ARM	TrustZone	security
Cadence	DPU	mobile, computing
Synopsys	DesignWare SoundWave Audio Subsystem	consumer
	Autodesk - US Cad	

RTL SIGN-OFF TOOLS

RTL Functional Verification

Cadence
AXIOM
Aldec
Avery
Blue Pearl Software
Maia
nSys
Real Intent
Synopsys - Springsoft
YogaTech
Zocalo

Formal Verification

Cadence
Synopsys
Jasper
Mentor
Axiom Design Automation (@HDL)
Calypto
OneSpin
Prover Technology

Formal Analysis

Mentor - 0-In
Atrenta
Cadence - Verplex
Averant (HDAC)
Real Intent
Assertive Design
Avery
Axiom Design Automation (@HDL) - (IBM)
IBM
Jasper
Jeda
NEC
OneSpin
Synopsys
Veritable

RTL Design & Entry

Synopsys
Aldec
Ansys - Apache - Sequence
ARM - Obsidian Software
ATA
Atrenta
Cadence
Concept Engineering
Dolphin Integration
EMA - Forte - Chronology/Cynapps
Excellicon
Expressive Systems - (Vizef)
Fractal
Hantro
HDL Works
Interra Systems
Jasper
Jeda
Levitate
Mentor
Real Intent
Sigasi
SoftJin
Source III
Stelar Tools
SynaptiCAD
Tanner EDA
Time-Rover
TransEDA
Translogic
VeriEZ
Verific
Veritools
Willamette

Design Debug

Synopsys - Springsoft - Novas Software
Aldec
ASIC Analytic
Atrenta
Axiom - Protometer
Concept
Jasper
Mentor
NextOp
Real Intent
Severity1
Vennsa
Veritools

HW/SW Co-Verification

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

RT LEVEL

ACCELERATION & EMULATION

Hardware

Cadence - Quickturn
Mentor
Synopsys - EVE - Tharas
Gidel
Star Bridge Systems

Software

Auspy
Mentor - SpeedGate
Synopsys - Synplicity
Flexras

Rapid Prototype

Synopsys
Dini Group
Aldec (Alatek)
Bluespec
Cadence
ChipIt
Dynalith Systems
HiTech Design
Impulse
Pittsburgh Simulation
Polaris Design
Reflex
S2C

RTL ANALYSIS TOOLS

Power Design

Synopsys
Atrenta
Ansys - Apache
ASC
Bulldast
Calypto
Library Technologies
Mentor
TNI-Valiosys-TransEDA
Veritools

Timing & Signal-Integrity Design

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

EMI Design

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

RTL DESIGN TOOLS

Mixed-Language Simulation

Synopsys
Mentor
Cadence
ALDEC
Dolphin Integration
Fintronic
Tachyon (Pragmatic C Software)

VHDL Simulation

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

Verilog Simulation

Fintronic
Synopsys
Cadence
ALDEC
TransEDA
Axiom Design Automation (@HDL) - (IBM)
Dolphin Integration
Mentor - Innoveda
Tachyon (Pragmatic C Software)
Simucad - Silvaco
Tau Simulation
Winterlogic
Veripool
Real Intent

Mixed-Signal Simulation

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

Logic Synthesis

Synopsys
Cadence - Get2Chip
Aldec
ALS Design
Altium (Protel) - Accolade (Metamore)
ATA
Derivation Systems
FTL Systems
Incentia Design Systems
Oasys
Pacific Design
SynApps
Tiberon DA
Tiempo
Verific/Softjin

DESIGN FOR TEST TOOLS

DFT Tools

Mentor
Synopsys
Cadence
Atrenta
Dolphin - Genesys
SynTest Technologies
Acugen
Alpine
ASC
Asset Intertech - TI
Astek
ATEEDA

Comit
DeFacTo Technologies
Flynn Systems
Incentia Design Systems
Intellitech
Intusoft
iROC Technologies
Macraigor Systems
Simucad - Silvaco
Teseda (Deft)
Winterlogic
Zuken

MISCELLANEOUS

Design Libraries

Synopsys
Ansys
Cadence
Caesium
Cast
Hantro
Intusoft
Levitate Design Systems
Library Technologies
Mentor
SynaptiCAD
Tanner EDA
Zuken - Redac

Silicon IP

ARM
Synopsys
Imagination - MIPS
CEVA
Cadence - Tensilica
Rambus
Sonics

Enterprise & CIS Tools

Zuken
Dassault - Synchronicity
IC Manage
PTC - Ohio Design Automation
Oridus
Hyperformance
ClioSoft
Agilent
ALS
Aprisa
Arena Solutions
Cadence - Orcad
Design and Reuse
Mentor
Missing Link Tools
OpenIT
Partminer
Posedge
Precience
Sapient Systems
Satin
SiCAD
Translogic
Univa
Xuopa
YDC

GATE LEVEL

RF Design & Simulation

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

Gate Level / Transistor Level Design

Ansoft
Cadence - Chip Estimate - Giga Scale
Concept Engineering
Silicon Frontline
Solido Design Automation
Synopsys - Sandwork Design
Tanner

Analog Design

Cadence
National Instruments - AWR
Agilent - Accelicon
Ago
Anadigm
AnalogRails
Anasift Technology
Asygn
AVP
Berkeley Design
Infinscale
Lynguent
Mephisto Design Automation
MunEDA
Nostral
Orora Design Technologies
Silicon Frontline
Simucad - Silvaco
Solido Design Automation
SynCira
Synopsys
Tanner
Zeni EDA Systems

Gate Level Simulation

ALDEC
ALS Design
Ansys - Ansoft
Cadence
Capitano Computing
Intusoft
Mental Automation
Mentor
National Instruments - Elect Workbench
Simucad - Silvaco
Sophia Systems
Synopsys - Springsoft - Novas
Tanner EDA
Zuken-Redac - Veda

Analog Simulation

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

PCB

Schematic Capture

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

PCB Design

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

MCM - Hybrid

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

Package Design

Mentor
Ansys - Apache
Cadence
E-System Design

PCB SPICE

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

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
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

Wire & Harness

Mentor
Zuken
Altium
Cadence

CAD/CAM

Timing Analysis

Mentor
Ansys
YDC
Altium
ARM - Prolific
Cadence
CLK Design Automation
Dorado
EMA - Cronology
Incentia
INVARIAN
Library Technology
Simucad - Silvaco
SiSoft
Synopsys

Signal - Integrity Analysis

Zuken
YDC
TDA Systems
Tanner EDA
Synopsys - Magma
SiSoft
Sagantec - MicroCAD
Quantic
OptEM Engineering
OEA International
National Instruments
Mentor - Veribest (Intergraph)
Fujitsu
CST
CLK Design Automation
Cadence
Berkeley Design Automation
Applied Simulation
Technology - Contec
Ansys - Ansoft
Altium (Protel) - Accel (Incases)
ALS
Agilent EEsof

EMI Analysis

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

Power Analysis & Optimization

Ansys - Apache Design Solutions
Cadence
Mentor
Synopsys
Agilent - Accelicon - Knowlent
Anasim
Applied Simulation
Technology - Contec
ARM - Prolific
CST
Envis (Envision Technology)
GRID
INVARIAN
Library Technologies
OEA International
Physware
Proficient Design
Simucad - Silvaco
Veritools

Thermal Analysis

Mentor
Analysis Tech
Ansys - Ansoft - Pacific Numerix
Applied Thermal Technologies
Berkeley Design Automation
Cadence
Daat Research
DOCEA
Dynamic Soft
Gradient
Infolytica
Integrated Engineering Software
Magsoft
Maya Heat Transfer
Simucad - Silvaco
Tanner EDA
ThermoAnalytics
Zuken

IC SPICE & SPICE-Like Simulation

Synopsys - Avant! - Meta-Soft
Simucad - Silvaco
Berkeley Design Automation
Applied Simulation
Technology - Contec
Tanner EDA
Accit - New Systems Research
Agilent
Ansys - Ansoft
Cadence
ICscape
Infinisim
Legend
Mentor
Nascentric
OptEM Engineering
ProPlus
Schematica
SOIGUINE
Symica
Unique ICs
Vivid Engineering

DRC

Mentor
Synopsys
Cadence
Simucad - Silvaco
Tanner EDA
iDRM
CAD Science
Micologic (MDA)
Polyteda Software

Extractors

Synopsys - Avant!
Cadence
Mentor
Synopsys
Ansys - Ansoft
OptEM Engineering
Simucad - Silvaco
edXact
Helic
ICscape
OEA International
Pextra
Physware
Polar Instruments
Silicon Frontline
Tanner EDA

T-CAD

Synopsys - Avant! - TMA
Simucad - Silvaco
Cadence
Crosslight Software
SEQUOIA Design Systems
Siborg Systems

RET

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

DFY & Process Models

Mentor
Synopsys
Cadence
Anchor Semiconductor
ASML Masktools - Brion
DFMSim
KLA -Tencor
MunEDA
Nannor Technologies
PDF Solutions
Predictions Software
ProPlus
Sagantec
Solido
Stone Piller
Stratosphere Solutions
Takimi Technologies
Tela - Blaze - Aprio Technologies

Post Silicon Validation

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

Reliability & Metal Migration

Quantic
Ansys - Apache
Cadence
iROC
Micrologic
Synopsys
ProPlus
DfR

Asynchronous Design

CLK - Synchronous
Design Automation
Elastix
Fulcrum
Handshake Solutions
Silstix
Tiempo

Structured Regular Silicon

PDF - Fabbix
Telos
Nangate

ASIC Layout

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

Custom Layout

Cadence
JEDAT
Mentor
Tanner EDA
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
Pulsic
Sentinel IC
SKILLCAD
Tera Route
VIASIC
InternetCAD.com
Jspeed Design Automation
MyCAD
Orora Design Technologies
Pulsic
Sentinel IC
SKILLCAD
Tera Route
VIASIC

Other IC Layout

Sagantec
Simucad - Silvaco
Ansys - Apache - Sequence
Artwork Conversion
Athena
Cadence - Azuro
Cyclos Semi
Dolphin Integration
Dorado
Entasys
Flexras
ICscape
Lafin
Library Technologies
MicroEDA
Pinebush Technologies
ProPlus
Saratoga Data
Shearwater
Silistix
Simbeor
Solido
Stabie-Soft
Synopsys - Magma
Teklatech
Tool Corporation
XYALIS

Physical Libraries

ARM - Artisan
Synopsys
Ansys - Apache
Aragio
Agilent - Accelicon
Cadence
Camgian Microsystems
NewLogic
Nordic VLSI
QualCore - LEDA Systems
Semtech
Silicon Design Solutions
SypherMedia
Tanner EDA
Tela

Target Compiler

Simucad - Silvaco
MicroMagic
ARM - Artisan
Cadence
Dolphin Integration
Fliptronics
Helic
Interra Systems
Menta
Mentor - Veribest (Intergraph)
Target Compiler Technologies
Tela Innovations

Library Development Tools

ARM - Prolific
Agilent EEsof EDA
Cadence - Altos
CLK Design Automation
Concise Logic
Fenix-DA
Gold Standard Simulations
GRID
Legend Design Technologies
Library Technologies
Mentor
Nangate
ngenics
ProPlus
Sagantec
Simucad - Silvaco
Synopsys
Z Circuit

3D IC

3D IC Simulation

Cadence
Nimbic

3D IC Pathfinding

Atrenta
MicroMagic
R3Logic

3D IC Floorplanner

R3Logic
Synopsys - Magma

3D IC Layout

R3Logic

3D IC Analysis

Ansys - Apache
Gradient
INVARIAN
Mentor
Cadence - Sigrity
Synopsys

SYSTEM DESIGN AUTOMATION

SDA Design & Simulation

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

ELECTRONIC SYSTEM LEVEL

ARCHITECT'S WORKBENCH

NETWORK SIMULATION

BEHAVIORAL DESIGN

MathWorks
Intel - CoFluent
Concurrent EDA
Docea
IBM - Telelogic - iLogix
Jasper
MathWorks

Mentor
Mirabilis
MLDesign
ProximusDA
Space Codesign
Synopsys

ArchSite
Synopsys - CoWare

ESL HARDWARE

ESL Design & Entry

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

High Level Synthesis (HLS)

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

SoC Integration Platform

Atrenta
Duolog - Beach
Cadence - Chip Estimate
Duolog
Magillim
Mataitech
Parallel Engines
Sapient-IC

Silicon Virtual Prototype

Atrenta
Chip Path
ENTASYS
Magillem
Mentor
ProximusDA
Xilinx

ESL Simulation

Synopsys
Aldec
ARM
Bluespec
Carbon
MathWorks
Mentor
Mesquite Software
VWorks
Xilinx

ESL Target Compiler

Sonics
Agnisys
ARRIS
Arteris
Atrenta
Cadence - Denali
Carbon - ARM
Codasip
Duolog
iNoCs
Inventure
Memoir
Mentor
Mirabilis
NISC
PDTi (Productivity Design Tools)
Semifore
Silistix
Xilinx

Application Engine Compiler

BINACHIP
Cadence - Tensilica
Critical Blue
Mirabilis
Poseidon
Synopsys
Target Compiler Technologies

ESL Power Analysis

Ansys - Apache - Sequence
Mentor
Atrenta
DOCEA
Entasys
Mirabilis

ESL Thermal Analysis

DOCEA

Accelerator Library & Development Tools

Forte - Arithmatica

ES Level RF Design

Agilent EEs of EDA
National Instruments - AWR
Ansys - Ansoft - Simec

ARCHITECTURAL DESIGN

ESL SOFTWARE

Parallel Programming

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

ESL Compiler

ACE
CodePlay
Target Compiler Technologies

Algorithm Design & Optimization

Synopsys
Forte
Critical Blue
Sigmatix

Model Development Tools

Carbon
Mentor
Agnisys
ARM - Axys
Bluespec
Embedded Systems Environment
Infiniscale
Prosilog
Synopsys - VaST
Target Compiler Technologies
VWorks

Software Synthesis

Agnisys
M2B
Mathworks
Vayavya Labs (Vlabs)
Verum

Multicore Development Tools

ARM
Mentor
3L, Ltd
Allinea Software
American Arium
Axiom - SysChip
B Labs
Cavium - Monta Vista
Codeplay Software
Critical Blue
Elbrus
ENEA
eXludas
Express Logic
First Silicon Solutions
Green Hills
Intel
Intelliasys
klocwork
Mathworks
National Instruments
Nohau Elektronik
Plurality
PolyCore Software
QNX Software Systems
RapidMind
RoweBits Research
Segger Micro
Stream Processors
Synopsys - Virage - ARC International
TenAsys
TotalView Tech

Software Virtual Prototype

Synopsys
Intel - Virtutech
Imperas
ARM
Cadence
Carbon
Mentor
Qemu
Space Codesign
Vworks (ASTC)
Xilinx

ESL VERIFICATION

Intelligent Test Bench

Mentor
Breker
Cadence - Verisity - Inspec
Synopsys - Springsoft - Certess
Zocalo Tech
Agnisys

ESL Test & Verification

Cadence - Verisity - Inspec
Agnisys
Avery
Duolog - Beach Systems
Diagonal Systems (DS)
IBM
JEDA
Levetate Design Systems
Magillem
MataiTech
Mentor

Semifore
Source III
Synopsys - Springsoft - Novas
Structural Design Verification
Synapticad
Temento
TransEDA
Xilinx

Transaction-Based Acceleration & Emulation

Cadence
Mentor
Synopsys - EVE
Aldec
Tarek

ESL Formal Verification

Calypto
Jasper
MathWorks