

Level One

Product Name	Product No.	Release Stream
Conformal® GXL	CFM300	COMFRML222
Conformal® Constraint Design L	CFM401	COMFRML222
Conformal® Constraint Design XL	CFM421	COMFRML222
CCD Multi-Constraint Check Option	CFM422	COMFRML222
Conformal® Low Power XL	CFM500	COMFRML222
Conformal® Low Power GXL	CFM550	COMFRML222
Conformal® ECO Designer GXL	CFM650	COMFRML222
EMX® Planar 3D Solver	SYS500	EMX/INTEGRAND63
Genus™ Low Power Option	GEN30	GENUS211
Genus™ Physical Option	GEN40	GENUS211
Genus™ CPU Accelerator Option	GEN80	GENUS211
Genus™ Synthesis Solution	GEN100	GENUS211
Helium™ Creation and SW Development Environment	H100	Helium2212
Cadence® Framework Integration Runtime Option	117	IC618
Virtuoso® Simulation Environment	206	IC618
Virtuoso® Schematic Editor HSPICE Interface	276	IC618
Cadence® SKILL Development Environment	900	IC618
Virtuoso® EDIF 200 Reader	940	IC618
Virtuoso® EDIF 200 Writer	945	IC618
Cadence® Design Framework Integrator's Toolkit	12141	IC618
Virtuoso® Schematic VHDL Interface	21060	IC618
Virtuoso® Schematic Editor Verilog® Interface	21400	IC618
Virtuoso® Analog Oasis Run-Time Option	32100	IC618
Cadence® OASIS for RFDE	32101	IC618
Virtuoso® Analog HSPICE Interface Option	32760	IC618
Virtuoso® AMS Designer Environment	70000	IC618
Virtuoso® Schematic Editor XL	95115	IC618
Virtuoso® ADE Explorer	95250	IC618
Virtuoso® Visualization & Analysis XL	95255	IC618
Virtuoso® ADE Assembler	95260	IC618
Virtuoso® Variation Option	95265	IC618
Virtuoso® ADE Verifier	95270	IC618
Virtuoso® DFM Interactive	95311	IC618
Virtuoso® Layout Suite GXL	95323	IC618
Virtuoso® Implementation Aware Design Option	95510	IC618
Virtuoso® System Design Platform	95541	IC618
Virtuoso® Layout Suite EAD	95600	IC618
Voltus™-Fi Custom Power Integrity Solution XL	VTS500	IC618
Voltus™-Fi Custom Power Integrity Solution - AA Advanced Analysis	VTS501	IC618
Virtuoso® Advanced Node Framework	95011	ICADVM201
Virtuoso® MultiTech Framework	95022	ICADVM201
Virtuoso® Power Manager	95127	ICADVM201
Virtuoso® Advanced Node Option for Layout	95511	ICADVM201
Virtuoso® Advanced Node Option for Layout Standard	95512	ICADVM201
Virtuoso® Photonics Option	95550	ICADVM201
Virtuoso® RF Platform	95561	ICADVM201
Virtuoso® Layout Suite EXL	95800	ICADVM201

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Product Name	Product No.	Release Stream
Verifault XL Simulator	26500	INCISIV152
Verifault XL Slave Node License	26510	INCISIV152
Virtuoso® Digital Implementation	3002	DDIEXPORT22
Innovus™ 7nm Option	INVS07	DDIEXPORT22
Innovus™ 20/16/14nm Option	INVS20	DDIEXPORT22
Innovus™ Mixed Signal Option	INVS30	DDIEXPORT22
Innovus™ High Frequency Route Option	INVS35	DDIEXPORT22
Innovus™ Hierarchical Design Option	INVS40	DDIEXPORT22
Innovus™ GigaPlace XL Option	INVS45	DDIEXPORT22
Innovus™ GigaPlace-GXL Option	INVS48	DDIEXPORT22
Innovus™ Power Integrity Option	INVS55	DDIEXPORT22
Innovus™ CPU Accelerator Option	INVS80	DDIEXPORT22
Innovus™ Implementation System	INVS100	DDIEXPORT22
Jasper™ RTL Designer Apps Option (to JGFVBASE)	JGDAO100	JASPER2212
Jasper™ Lint & DFT Designer App	JGDAO050	JASPER2212
Jasper™ Formal Apps Option (to JGFVBASE)	JGFAO100	JASPER2212
Jasper™ Advanced Platform Option to JGFVBASE	JGFVADVP	JASPER2212
Jasper™ Formal Verification Platform	JGFVBASE	JASPER2212
Jasper™ Coverage Unreachability APP	JGUNR100	JASPER2212
Jasper™ Verification Apps Option (Option to LGFVBASE)	JGVAO100	JASPER2212
Joules™ RTL Power Solution	JLS100	JLS211
Liberate™ Server	ALT110	LIBERATE217
Liberate™ Client	ALT111	LIBERATE217
Liberate™ LV Server	ALT610	LIBERATE217
Liberate™ LV Client	ALT611	LIBERATE217
Modus ATPG – Distributed CPU Option	MOD20	MODUS221
Modus DFT Option	MOD30	MODUS221
Modus Hierarchical Option	MOD60	MODUS221
Modus ATPG – Distributed Base	MOD204	MODUS221
Innovus™ DFM Option	INVS50	MVS211
Litho Electrical Analyzer	LEA108	MVS211
Litho Physical Analyzer	LPA108	MVS211
Cadence® Litho Hotspot Fixing Option	LPA120	MVS211
Error Cell Generator	PASECG	PAS31
Graphical Technology Editor	PASGTE	PAS31
Pcell Generator	PASPCG	PAS31
Cadence® Pegasus™ 16nm Node	PGSS16	PEGASUS221
Cadence® Pegasus™ Design Rule Check	PGSS100	PEGASUS221
Cadence® Pegasus™ Layout vs. Schematic Check	PGSS110	PEGASUS221
Cadence® Pegasus™ DFM Fill	PGSS140	PEGASUS221
Cadence® Pegasus™ Results Viewer	PGSS170	PEGASUS221
Cadence® Pegasus™ Programmable Electrical Rule Check	PGSS190	PEGASUS221
Cadence® Pegasus™ Interactive	PGSS210	PEGASUS221
Cadence® Pegasus™ Design Review	PGSS220	PEGASUS221
Cadence® Pegasus™ User Interface	PGSS270	PEGASUS221
Cadence® Pegasus™ Design Review Layout and Mask Data Viewer	PGSS600	PEGASUS221

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Product Name	Product No.	Release Stream
Cadence® Quantus™ Extraction XL	QTS300	QUANTUS212
Cadence® Quantus™ Advanced Analysis GXL Option	QTS310	QUANTUS212
Cadence® Quantus™ Advanced Modeling GXL Option	QTS320	QUANTUS212
Cadence® Quantus™ Display Technology Option	QTS330	QUANTUS212
Cadence® Qunatus™ Advanced Modeling20 GXL Option	QTS520	QUANTUS212
Cadence® Quantus™ Advanced Node Modeling Option	QTS530	QUANTUS212
Quantus™ 32/28nm to 10nm Option	QTS600	QUANTUS212
Sigrity™ Aurora II	PA5902	SIGRITY/SYSANLS2022.1
Sigrity™ PowerSI	SIGR302	SIGRITY/SYSANLS2022.1
Sigrity™ SPEEDEM	SIGR402	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced SI II	SIGR913	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced PI II SystemPI Option	SIGR927	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced IBIS Modeling II	SIGR953	SIGRITY/SYSANLS2022.1
Celsius™ Thermal Solver	SYS100	SIGRITY/SYSANLS2022.1
Celsius™ CFD Extension	SYS170	SIGRITY/SYSANLS2022.1
Clarity™ 3D Solver	SYS300	SIGRITY/SYSANLS2022.1
Multi-Physics Universal HPC Accelerator V8	SYS315	SIGRITY/SYSANLS2022.1
Clarity™ 3D Transient Solver	SYS400	SIGRITY/SYSANLS2022.1
Celsius™ Advanced PTI	SYS923	SIGRITY/SYSANLS2022.1
Clarity™ PCB Extraction Suite	SYS932	SIGRITY/SYSANLS2022.1
Clarity™ IC Package Extraction Suite	SYS942	SIGRITY/SYSANLS2022.1
Clarity™ Advanced IC Package Extraction Suite	SYS944	SIGRITY/SYSANLS2022.1
Allegro® PCB Manufacturing Option	PA3130	SPB221
Allegro® PCB Productivity Toolbox Option	PA3150	SPB221
Allegro® PCB Symphony Team Design Option	PA3160	SPB221
Allegro® Venture PCB Designer	PA3810	SPB221
Cadence® 3D Design Viewer	PA6605	SPB221
Allegro® PSpice® System Designer	PS2200	SPB221
Allegro® PCB Librarian	PX3500	SPB221
Allegro® Venture System Design Authoring	SDA100	SPB221
APD Silicon Layout Option	SIP230	SPB221
Allegro® System Integrator	SIP106SPB	SPB221
SiP Layout Option	SIP226SPB	SPB221
Allegro® Package Designer Plus	SIP4150SPB	SPB221

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Product Name	Product No.	Release Stream
Spectre® Characterization Simulator Option	3500	SPECTRE211
Spectre® RelXpert Reliability Simulator	33580	SPECTRE211
Interactive mode for Spectre® using Python/TCL	38530	SPECTRE211
Spectre® AMS Designer	70070	SPECTRE211
Spectre® MMSIM with Spectre X Simulator	90006	SPECTRE211
Spectre® Power Option	91400	SPECTRE211
Spectre® CPU Accelerator Option	91500	SPECTRE211
Spectre® Extensive Partitioned Simulator	91600	SPECTRE211
Tempus™ Timing Signoff Solution L	TPS100	SSV221
Tempus™ Timing Signoff Solution XL	TPS200	SSV221
Tempus™ Advanced Analysis Option	TPS210	SSV221
Tempus™ Timing Signoff Solution ECO	TPS300	SSV221
Tempus™ Timing Signoff Solution MP	TPS400	SSV221
Tempus™ Power Integrity Option	TPS600	SSV221
Voltus™ IC Power Integrity Solution XL (VTS-XL)	VTS200	SSV221
Voltus™ IC Power Integrity Solution GXL Option (VTS-AA)	VTS201	SSV221
Voltus™ IC Power Integrity Solution ESD	VTS203	SSV221
Voltus™ IC Power Integrity Solution MP (VTS-MP)	VTS300	SSV221
Stratus™ HLS XL	STR101	STRATUS2202
Indago™ Embedded Software Debug App	29862	VDEBUGS2209
Verisium Debug for Simulation	VERDBGS	VDEBUGS2209
vManager™ Safety	VMG003	VMANAGER2209
vManager™ Linux Client (Quantity 5)	VMG005	VMANAGER2209
vManager™ Project Server	VMG100	VMANAGER2209
Enterprise Simulator XL Interface for MTI	29661	XCELIUM2209
Enterprise Simulator XL Interface for VCS	29671	XCELIUM2209
Xcelium™ Single Core	X300	XCELIUM2209
Xcelium™ Digital Mixed Signal Option	X310	XCELIUM2209
Xcelium™ Safety Simulation	X450	XCELIUM2209

Level Two – Systems Software

Product Name	Product No.	Release Stream
Sigrity™ Aurora II	PA5902	SIGRITY/SYSANLS2022.1
Sigrity™ PowerSI	SIGR302	SIGRITY/SYSANLS2022.1
Sigrity™ SPEEDEM	SIGR402	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced SI II	SIGR913	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced Pi II SystemPI Option	SIGR927	SIGRITY/SYSANLS2022.1
Sigrity™ Advanced IBIS Modeling II	SIGR953	SIGRITY/SYSANLS2022.1
Celsius™ Thermal Solver	SYS100	SIGRITY/SYSANLS2022.1
Celsius™ CFD Extension	SYS170	SIGRITY/SYSANLS2022.1
Clarity™ 3D Solver	SYS300	SIGRITY/SYSANLS2022.1
Multi-Physics Universal HPC Accelerator V8	SYS315	SIGRITY/SYSANLS2022.1
Clarity™ 3D Transient Solver	SYS400	SIGRITY/SYSANLS2022.1
Celsius™ Advanced PTI	SYS923	SIGRITY/SYSANLS2022.1
Clarity™ PCB Extraction Suite	SYS932	SIGRITY/SYSANLS2022.1
Clarity™ IC Package Extraction Suite	SYS942	SIGRITY/SYSANLS2022.1
Clarity™ Advanced IC Package Extraction Suite	SYS944	SIGRITY/SYSANLS2022.1
Allegro® PCB Manufacturing Option	PA3130	SPB221
Allegro® PCB Productivity Toolbox Option	PA3150	SPB221
Allegro® PCB Symphony Team Design Option	PA3160	SPB221
Allegro® Venture PCB Designer	PA3810	SPB221
Cadence® 3D Design Viewer	PA6605	SPB221
Allegro® PSpice® System Designer	PS2200	SPB221
Allegro® PCB Librarian	PX3500	SPB221
Allegro® Venture System Design Authoring	SDA100	SPB221
APD Silicon Layout Option	SIP230	SPB221
Allegro® System Integrator	SIP106SPB	SPB221
SiP Layout Option	SIP226SPB	SPB221
Allegro® Package Designer Plus	SIP4150SPB	SPB221

Level Three – AWR Microwave Office

Product Name	Product No.	Release Stream
VSS Toolkit: Advanced Communication Standards	AACK100	AWR221
MWO Toolkit: Advanced Module Design	AAMK100	AWR221
MWO Option: 3D EM Front-End	AANA001	AWR221
MWO Option: APLAC® Circuit Envelope & Time Domain	AAPL110	AWR221
Microwave Office®: RF PCB Essential	AMWO226	AWR221
Microwave Office®: MMIC Essential	AMWO228	AWR221
MWO Toolkit: Synthesis Wizards	ASWS350	AWR221
MWO Option: EM Simulation Token	ATOK100	AWR221
Visual System Simulator™: Advanced	AVSS350	AWR221
MWO Option: Planar EM Front-End	AXEM001	AWR221

Changes made for this year:

Removed Products		Replacement Products	
Sigrity™ Aurora	PA5900	Sigrity™ Aurora II	PA5902
Sigrity™ Advanced SI	SIGR912	Sigrity™ Advanced SI II	SIGR913
Sigrity™ Advanced SI II SystemAI Option	SIGR917	Sigrity™ Advanced SI II	SIGR913
Sigrity™ Advanced PI	SIGR922	Sigrity™ Advanced PI II SystemPI Option	SIGR927
Sigrity™ Advanced PI II	SIGR923	Sigrity™ Advanced PI II SystemPI Option	SIGR927
Advanced IBIS Modeling	SIGR952	Sigrity™ Advanced IBIS Modeling II	SIGR953
OrbitIO™	SIGR106	Allegro® System Integrator	SIP106SPB
SiP Layout Option	SIP226	SiP Layout Option	SIP226SPB
Allegro® Package Designer Plus	SIP4150	Allegro® Package Designer Plus	SIP4150SPB
Distributed Process for 8 CPUs	LPA109	No replacement	NA
Multi-Physics Universal HPC Accelerator	SYS316	Multi-Physics Universal HPC Accelerator V8	SYS315
Indago™ Debug Analyzer App	29853	Verisium Debug for Simulation	VERDBGS

All the following products are being removed and replaced with Pegasus products listed on the next page

Dracula® Graphical User Interface	365
Dracula® Physical Verification and Extractor Suite	70520
Diva® Physical Verification and Extractor Suite	71520
Generator to generate Assura® compatible verification decks	PASASG
Generator to generate Diva® compatible verification decks	PASDIG
Cadence® QuickView Layout and Mask Data Viewer	K2200
Cadence® QuickView Layout Data Viewer	K2210
Cadence® QuickView Sign-off Data Analysis Environment	K2211
Cadence® Physical Verification System Design Rule Checker XL	96210
Cadence® Physical Verification System Layout vs Schematic Checker XL	96220
Cadence® Physical Verification System Programmable Electrical Checker	96230
Cadence® Physical Verification System Programmable Electrical Checker XL	96235
Cadence® Physical Verification System Results Manager	96240
Cadence® Physical Verification System Design Analysis Option	96245
Cadence® Physical Verification System Design Review	96247
Cadence® Physical Verification System Constraint Validator	96300
Cadence® Physical Verification System Constraint Validator XL	96305
Cadence® Physical Verification System Advanced Analysis Option	96320
Cadence® Physical Verification System Advanced Device Option	96330
Cadence® Physical Verification System Pattern Matching Option	96340
Cadence® Physical Verification System Mask Rule Check Option	96350
Cadence® Physical Verification System Results Viewer	96360
Virtuoso® Integrated PVS Option for Layout Suite	96400

2023 University Program Licensed Materials

New products added this year:

Product Name	Product No.
Cadence [®] Pegasus [™] Design Rule Check	PGSS100
Cadence [®] Pegasus [™] Layout vs. Schematic Check	PGSS110
Cadence [®] Pegasus [™] DFM Fill	PGSS140
Cadence [®] Pegasus [™] 16nm Node	PGSS16
Cadence [®] Pegasus [™] Results Viewer	PGSS170
Cadence [®] Pegasus [™] Programmable Electrical Rule Check	PGSS190
Cadence [®] Pegasus [™] Interactive	PGSS210
Cadence [®] Pegasus [™] Design Review	PGSS220
Cadence [®] Pegasus [™] User Interface	PGSS270
Cadence [®] Pegasus [™] Design Review Layout and Mask Data Viewer	PGSS600
Celsius [™] Advanced PTI	SYS923
Sigrity [™] SPEEDEM	SIGR402
Sigrity [™] PowerSI	SIGR302
Clarity [™] Advanced IC Package Extraction Suite	SYS944
Multi-Physics Universal HPC Accelerator V8	SYS315
Helium [™] Creation and SW Development Environment	H100