

2024 University Program Licensed Materials

Changes made this year:

Removed Products		Replacement Products	
Joules™ RTL Power Solution	JLS100	Joules™ RTL Power Solution XL	JLS200
Conformal® Constraint Design L	CFM401	Conformal® Litmus Signoff	CFML100
Conformal® Constraint Design XL	CFM421	Conformal® Litmus Constraint Management	CFML110
CCD Multi-Constraint Check Option	CFM422	Option	
Litho Physical Analyzer	LPA108	Pegasus™ Layout Pattern Analyzer	PDFM100
Cadence® Litho Hotspot Fixing Option	LPA120	Pegasus™ Layout Pattern Fixing Option	PDFM120
Liberate™ Server	ALT110	Liberate™ Trio	ALT910
Liberate™ Client	ALT111	Liberate™ Trio	ALT910
Liberate™ LV Server	ALT610	Liberate™ Trio	ALT910
Liberate™ LV Client	ALT611	Liberate™ Trio	ALT910
Celsius™ CFD Extension	SYS170	Celsius™ EC Solver	SYSEC100

New products added this year:

Product Name	Product No.
Joules™ Implementation Option	JLS20
Joules™ Multihost Option	JLS80
Joules™ RTL Power Solution XL	JLS200
Allegro® X Venture	ALGX400
Allegro® PCB Symphony Team Design Option	ALGX3160
Pegasus™ Layout Pattern Analyzer	PDFM100
Pegasus™ Layout Pattern Fixing Option	PDFM120
Liberate™ Trio	ALT910
Optimality™ Explorer Essentials	SYS700
Voltus™ 3DIC Power Integrity Option	VTS204
Virtuoso® Layout Suite MXL	95810
Xcelium™ Digital Mixed Signal App	XA310
Voltus™-XFi Custom Power Integrity Solution	VTS1000
Pspice® System Designer	PSP2200
Allegro® PCB Productivity Toolbox Option	ALGX3150
Conformal® Litmus Signoff	CFML100
Conformal® Litmus Constraint Management Option	CFML110
Celsius™ EC Solver	SYSEC100

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Level One

Product Name	Product No.	Release Stream
Conformal® GXL	CFM300	COMFRML231
Conformal® Low Power XL	CFM500	COMFRML231
Conformal® Low Power GXL	CFM550	COMFRML231
Conformal® ECO Designer GXL	CFM650	COMFRML231
EMX® Planar 3D Solver	SYS500	EMX20231
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	IC231
Virtuoso® Simulation Environment	206	IC231
Virtuoso® Schematic Editor HSPICE Interface	276	IC231
Cadence® SKILL Development Environment	900	IC231
Virtuoso® EDIF 200 Reader	940	IC231
Virtuoso® EDIF 200 Writer	945	IC231
Cadence® Design Framework Integrator's Toolkit	12141	IC231
Virtuoso® Schematic VHDL Interface	21060	IC231
Virtuoso® Schematic Editor Verilog® Interface	21400	IC231
Virtuoso® Analog Oasis Run-Time Option	32100	IC231
Cadence® OASIS for RFDE	32101	IC231
Virtuoso® Analog HSPICE Interface Option	32760	IC231
Virtuoso® AMS Designer Environment	70000	IC231
Virtuoso® Advanced Node Framework	95011	IC231
Virtuoso® MultiTech Framework	95022	IC231
Virtuoso® Schematic Editor XL	95115	IC231
Virtuoso® Power Manager	95127	IC231
Virtuoso® ADE Explorer	95250	IC231
Virtuoso® Visualization & Analysis XL	95255	IC231
Virtuoso® ADE Assembler	95260	IC231
Virtuoso® Variation Option	95265	IC231
Virtuoso® ADE Verifier	95270	IC231
Virtuoso® DFM Interactive	95311	IC231
Virtuoso® Layout Suite GXL	95323	IC231
Virtuoso® Implementation Aware Design Option	95510	IC231
Virtuoso® Advanced Node Option for Layout	95511	IC231
Virtuoso® Advanced Node Option for Layout Standard	95512	IC231
Virtuoso® System Design Platform	95541	IC231
Virtuoso® Photonics Option	95550	IC231
Virtuoso® Layout Suite EAD	95600	IC231
Virtuoso® RF Platform	95561	IC231
Virtuoso® Layout Suite EXL	95800	IC231
Virtuoso® Layout Suite MXL	95810	IC231
Voltus™-Fi Custom Power Integrity Solution XL	VTS500	IC231
Voltus™-Fi Custom Power Integrity Solution - AA Advanced Analysis	VTS501	IC231
Voltus™-XFi Custom Power Integrity Solution	VTS1000	IC231

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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	INNOVUS211
Innovus™ 7nm Option	INVS07	INNOVUS211
Innovus™ 20/16/14nm Option	INVS20	INNOVUS211
Innovus™ Mixed Signal Option	INVS30	INNOVUS211
Innovus™ High Frequency Route Option	INVS35	INNOVUS211
Innovus™ Hierarchical Design Option	INVS40	INNOVUS211
Innovus™ GigaPlace XL Option	INVS45	INNOVUS211
Innovus™ GigaPlace-GXL Option	INVS48	INNOVUS211
Innovus™ Power Integrity Option	INVS55	INNOVUS211
Innovus™ CPU Accelerator Option	INVS80	INNOVUS211
Innovus™ Implementation System	INVS100	INNOVUS211
Jasper™ RTL Designer Apps Option (to JGFVBASE)	JGDAO100	JASPER2309
Jasper™ Lint & DFT Designer App	JGDAO050	JASPER2309
Jasper™ Formal Apps Option (to JGFVBASE)	JGFAO100	JASPER2309
Jasper™ Advanced Platform Option to JGFVBASE	JGFVADVP	JASPER2309
Jasper™ Formal Verification Platform	JGFVBASE	JASPER2309
Jasper™ Coverage Unreachability APP	JGUNR100	JASPER2309
Jasper™ Verification Apps Option (Option to LGFVBASE)	JGVAO100	JASPER2309
Joules™ Implementation Option	JLS20	JLS221
Joules™ Multihost Option	JLS80	JLS221
Joules™ RTL Power Solution XL	JLS200	JLS221
Liberate™ Trio	ALT910	LIBERATE231
Conformal® Litmus Signoff	CFML100	LITMUS231
Conformal® Litmus Constraint Management Option	CFML110	LITMUS231
Modus ATPG – Distributed CPU Option	MOD20	MODUS231
Modus DFT Option	MOD30	MODUS231
Modus Hierarchical Option	MOD60	MODUS231
Modus ATPG – Distributed Base	MOD204	MODUS231
Error Cell Generator	PASECG	PAS31
Graphical Technology Editor	PASGTE	PAS31
Pcell Generator	PASPCG	PAS31
Cadence® Pegasus™ 16nm Node	PGSS16	PEGASUS231
Cadence® Pegasus™ Design Rule Check	PGSS100	PEGASUS231
Cadence® Pegasus™ Layout vs. Schematic Check	PGSS110	PEGASUS231
Cadence® Pegasus™ DFM Fill	PGSS140	PEGASUS231
Cadence® Pegasus™ Results Viewer	PGSS170	PEGASUS231
Cadence® Pegasus™ Programmable Electrical Rule Check	PGSS190	PEGASUS231
Cadence® Pegasus™ Interactive	PGSS210	PEGASUS231
Cadence® Pegasus™ Design Review	PGSS220	PEGASUS231
Cadence® Pegasus™ User Interface	PGSS270	PEGASUS231
Cadence® Pegasus™ Design Review Layout and Mask Data Viewer	PGSS600	PEGASUS231
Innovus™ DFM Option	INVS50	PEGASUSDFM232
Pegasus™ Layout Pattern Analyzer	PDFM100	PEGASUSDFM231
Pegasus™ Layout Pattern Fixing Option	PDFM120	PEGASUSDFM231

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Product Name	Product No.	Release Stream
Cadence® Quantus™ Extraction XL	QTS300	QUANTUS231
Cadence® Quantus™ Advanced Analysis GXL Option	QTS310	QUANTUS231
Cadence® Quantus™ Advanced Modeling GXL Option	QTS320	QUANTUS231
Cadence® Quantus™ Display Technology Option	QTS330	QUANTUS231
Cadence® Qunatus™ Advanced Modeling20 GXL Option	QTS520	QUANTUS231
Cadence® Quantus™ Advanced Node Modeling Option	QTS530	QUANTUS231
Quantus™ 32/28nm to 10nm Option	QTS600	QUANTUS231
Sigrity™ Aurora II	PA5902	SYSANLS 2023.1
Sigrity™ PowerSI	SIGR302	SYSANLS 2023.1
Sigrity™ SPEEDEM	SIGR402	SYSANLS 2023.1
Sigrity™ Advanced SI II	SIGR913	SYSANLS 2023.1
Sigrity™ Advanced Pi II SystemPI Option	SIGR927	SYSANLS 2023.1
Sigrity™ Advanced IBIS Modeling II	SIGR953	SYSANLS 2023.1
Celsius™ Thermal Solver	SYS100	SYSANLS 2023.1
Clarity™ 3D Solver	SYS300	SYSANLS 2023.1
Multi-Physics Universal HPC Accelerator V8	SYS315	SYSANLS 2023.1
Clarity™ 3D Transient Solver	SYS400	SYSANLS 2023.1
Clarity™ PCB Extraction Suite	SYS932	SYSANLS 2023.1
Clarity™ IC Package Extraction Suite	SYS942	SYSANLS 2023.1
Clarity™ Advanced IC Package Extraction	SYS944	SYSANLS 2023.1
Optimality™ Explorer Essentials	SYS700	SYSANLS 2023.1
Celsius™ Advanced PTI	SYS923	SYSANLS 2023.1
Celsius™ EC Solver	SYSEC100	SYSEC20231
Allegro® X Venture	ALGX400	SPB231
Allegro® PCB Productivity Toolbox Option	ALGX3150	SPB231
Allegro® PCB Symphony Team Design Option	ALGX3160	SPB231
Allegro® PCB Productivity Toolbox Option	PA3150	SPB231
Allegro® PCB Symphony Team Design Option	PA3160	SPB231
Allegro® Venture PCB Designer	PA3810	SPB231
Cadence® 3D Design Viewer	PA6605	SPB231
Allegro® PSpice® System Designer	PS2200	SPB231
Pspice® System Designer	PSP2200	SPB231
Allegro® PCB Librarian	PX3500	SPB231
Allegro® Venture System Design Authoring	SDA100	SPB231
APD Silicon Layout Option	SIP230	SPB231
Allegro® System Integrator	SIP106SPB	SPB231
SiP Layout Option	SIP226SPB	SPB231
Allegro® Package Designer Plus	SIP4150SPB	SPB231
Spectre® Characterization Simulator Option	3500	SPECTRE231
Spectre® RelXpert Reliability Simulator	33580	SPECTRE231
Interactive mode for Spectre® using Python/TCL	38530	SPECTRE231
Spectre® AMS Designer	70070	SPECTRE231
Spectre® MMSIM with Spectre X Simulator	90006	SPECTRE231
Spectre® Power Option	91400	SPECTRE231
Spectre® CPU Accelerator Option	91500	SPECTRE231
Spectre® Extensive Partitioned Simulator	91600	SPECTRE231

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Product Name	Product No.	Release Stream
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™ 3DIC Power Integrity Option	VTS204	SSV221
Voltus™ IC Power Integrity Solution MP (VTS-MP)	VTS300	SSV221
Stratus™ HLS XL	STR101	STRATUS2301
Indago™ Embedded Software Debug App	29862	VERISIUMDEBUG2309
Verisium™ Debug for Simulation	VERDBGS	VERISIUMDEBUG2309
vManager™ Safety	VMG003	VMANAGE2309
vManager™ Linux Client (Quantity 5)	VMG005	VMANAGE2309
vManager™ Project Server	VMG100	VMANAGE2309
Enterprise Simulator XL Interface for MTI	29661	XCELIUM2309
Enterprise Simulator XL Interface for VCS	29671	XCELIUM2309
Xcelium™ Digital Mixed Signal App	XA310	XCELIUM2309
Xcelium™ Single Core	X300	XCELIUM2309
Xcelium™ Digital Mixed Signal Option	X310	XCELIUM2309
Xcelium™ Safety Simulation	X450	XCELIUM2309

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Level Two – Systems Software

Product Name	Product No.	Release Stream
Sigrity™ Aurora II	PA5902	SYSANLS 2023.1
Sigrity™ PowerSI	SIGR302	SYSANLS 2023.1
Sigrity™ SPEEDEM	SIGR402	SYSANLS 2023.1
Sigrity™ Advanced SI II	SIGR913	SYSANLS 2023.1
Sigrity™ Advanced Pi II SystemPI Option	SIGR927	SYSANLS 2023.1
Sigrity™ Advanced IBIS Modeling II	SIGR953	SYSANLS 2023.1
Celsius™ Thermal Solver	SYS100	SYSANLS 2023.1
Clarity™ 3D Solver	SYS300	SYSANLS 2023.1
Multi-Physics Universal HPC Accelerator V8	SYS315	SYSANLS 2023.1
Clarity™ 3D Transient Solver	SYS400	SYSANLS 2023.1
Clarity™ PCB Extraction Suite	SYS932	SYSANLS 2023.1
Clarity™ IC Package Extraction Suite	SYS942	SYSANLS 2023.1
Clarity™ Advanced IC Package Extraction	SYS944	SYSANLS 2023.1
Optimality™ Explorer Essentials	SYS700	SYSANLS 2023.1
Celsius™ Advanced PTI	SYS923	SYSANLS 2023.1
Celsius™ EC Solver	SYSEC100	SYSEC20231
Allegro® X Venture	ALGX400	SPB231
Allegro® PCB Productivity Toolbox Option	ALGX3150	SPB231
Allegro® PCB Symphony Team Design Option	ALGX3160	SPB231
Allegro® PCB Productivity Toolbox Option	PA3150	SPB231
Allegro® PCB Symphony Team Design Option	PA3160	SPB231
Allegro® Venture PCB Designer	PA3810	SPB231
Cadence® 3D Design Viewer	PA6605	SPB231
Allegro® PSpice® System Designer	PS2200	SPB231
Pspice® System Designer	PSP2200	SPB231

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Level Three – AWR Microwave Office

Product Name	Product No.	Release Stream
VSS Toolkit: Advanced Communication Standards	AACK100	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

Level Four – CFD Software

Product Name	Product No.	Release Stream
Fidelity™ Pointwise	CFD111	FIDELITY POINTWISE2023
Fidelity™ Automesh	CFD101	FIDELITY20231
Fidelity™ Automesh CAD Import Option	CFD121	FIDELITY20231
Fidelity™ Flow	CFD201	FIDELITY20231
Fidelity™ Flow Professional Option	CFD211	FIDELITY20231
Fidelity™ Flow CPU Accelerator Option	CFD401	FIDELITY20231
Fidelity™ Flow Optimization Option	CFD501	FIDELITY20231
Fidelity™ Marine	CFD231	FIDELITY20231
Fidelity™ Marine CPU Accelerator Option	CFD461	FIDELITY20231