

2021 University Program Licensed Materials

Level One

Product Name	Product No.	Release Stream
Conformal® GXL	CFM300	COMFRML202
Conformal® Constraint Design L	CFM401	COMFRML202
Conformal® Constraint Design XL	CFM421	COMFRML202
CCD Multi-Constraint Check Option	CFM422	COMFRML202
Conformal® Low Power	CFM500	COMFRML202
Conformal® Low Power GXL	CFM550	COMFRML202
Conformal® ECO Designer GXL	CFM650	COMFRML202
Multi-Physics Universal HPC Token	SYS316	EMX/INTEGRAND60
EMX® IC Solver	SYS500	EMX/INTEGRAND60
Genus™ Low Power Option	GEN30	GENUS201
Genus™ Physical Option	GEN40	GENUS201
Genus™ CPU Accelerator Option	GEN80	GENUS201
Genus™ Synthesis Solution	GEN100	GENUS191
Cadence® Framework Integration Runtime Option	117	IC618
Virtuoso® Simulation Environment	206	IC618
Virtuoso® Schematic Editor HSPICE Interface	276	IC618
Dracula® Graphical User Interface	365	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
Dracula® Physical Verification and Extractor Suite	70520	IC618
Diva® Physical Verification and Extractor Suite	71520	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 Option	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

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Product Name	Product No.	Release Stream
Virtuoso® Advanced Node Framework	95011	ICADVM201
Virtuoso® MultiTech Framework	95022	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
Verifault XL Simulator	26500	INCISIV152
Verifault XL Slave Node License	26510	INCISIV152
Indago™ Debug Analyzer App	29853	INDAGO2009
Indago™ Embedded Software Debug App	29862	INDAGO2009
Virtuoso® Digital Implementation	3002	INNOVUS201
Innovus™ 7nm Option	INVS07	INNOVUS201
Innovus™ 20/16/14nm Option	INVS20	INNOVUS201
Innovus™ Mixed Signal Option	INVS30	INNOVUS201
Innovus™ High Frequency Route Option	INVS35	INNOVUS201
Innovus™ Hierarchical Design Option	INVS40	INNOVUS201
Innovus™ GigaPlace XL Option	INVS45	INNOVUS201
Innovus™ Power Integrity Option	INVS55	INNOVUS201
Innovus™ CPU Accelerator Option	INVS80	INNOVUS201
Innovus™ Implementation System	INVS100	INNOVUS201
JasperGold® RTL Designer Apps Option (to JGFVBASE)	JGDAO100	JASPER2012
JasperGold® Formal Apps Option (to JGFVBASE)	JGFAO100	JASPER2012
JasperGold® Advanced Platform Option to JGFVBASE	JGFVADVP	JASPER2012
JasperGold® Formal Verification Platform	JGFVBASE	JASPER2012
JasperGold® Coverage Unreachability APP	JGUNR100	JASPER2012
JasperGold® Verification Apps Option (Option to LGFVBASE)	JGVAO100	JASPER2012
Joules™ RTL Power Solution	JLS100	JLS201
Liberate™ Server	ALT110	LIBERATE201
Liberate™ Client	ALT111	LIBERATE201
Liberate™ LV Server	ALT610	LIBERATE201
Liberate™ LV Client	ALT611	LIBERATE201
Modus DFT Option	MOD30	MODUS201
Modus Hierarchical Option	MOD60	MODUS201
Modus ATPG	MOD200	MODUS201
Innovus™ DFM Option	INVS50	MVS202
Litho Electrical Analyzer	LEA108	MVS202
Litho Physical Analyzer	LPA108	MVS202
Distributed Process for 8 CPUs	LPA109	MVS202
Cadence® Litho Hotspot Fixing Option	LPA120	MVS202

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Product Name	Product No.	Release Stream
Generator to generate Assura® compatible verification decks	PASASG	PAS31
Generator to generate Diva® compatible verification decks	PASDIG	PAS31
Error Cell Generator	PASECG	PAS31
Graphical Technology Editor	PASGTE	PAS31
Pcell Generator	PASPCG	PAS31
Cadence® QuickView Layout and Mask Data Viewer	K2200	PEGASUS201
Cadence® QuickView Layout Data Viewer	K2210	PEGASUS201
Cadence® QuickView Sign-off Data Analysis Environment	K2211	PEGASUS201
Cadence® Physical Verification System Design Rule Checker XL	96210	PVS201
Cadence® Physical Verification System Layout vs Schematic Checker XL	96220	PVS201
Cadence® Physical Verification System Programmable Electrical Checker	96230	PVS201
Cadence® Physical Verification System Programmable Electrical Checker XL	96235	PVS201
Cadence® Physical Verification System Results Manager	96240	PVS201
Cadence® Physical Verification System Design Analysis Option	96245	PVS201
Cadence® Physical Verification System Design Review	96247	PVS201
Cadence® Physical Verification System Constraint Validator	96300	PVS201
Cadence® Physical Verification System Constraint Validator XL	96305	PVS201
Cadence® Physical Verification System Advanced Analysis Option	96320	PVS201
Cadence® Physical Verification System Advanced Device Option	96330	PVS201
Cadence® Physical Verification System Pattern Matching Option	96340	PVS201
Cadence® Physical Verification System Mask Rule Check Option	96350	PVS201
Cadence® Physical Verification System Results Viewer	96360	PVS201
Virtuoso® Integrated PVS Option for Layout Suite	96400	PVS201
Cadence® Quantus™ Extraction XL	QTS300	QUANTUS201
Cadence® Quantus™ Advanced Analysis GXL Option	QTS310	QUANTUS201
Cadence® Quantus™ Advanced Modeling GXL Option	QTS320	QUANTUS201
Cadence® Quantus™ Display Technology Option	QTS330	QUANTUS201
Cadence® Qunatus™ Advanced Modeling20 GXL Option	QTS520	QUANTUS201
Cadence® Quantus™ Advanced Node Modeling Option	QTS530	QUANTUS201
Quantus™ 32/28nm to 10nm Option	QTS600	QUANTUS201
Aurora	PA5900	SIGRITY2019
Advanced SI	SIGR912	SIGRITY2019
Advanced PI	SIGR922	SIGRITY2019
Advanced IBIS Modeling	SIGR952	SIGRITY2019
Celsius™ Thermal Solver	SYS100	SIGRITY2019
Celsius™ CFD Extension	SYS170	SIGRITY2019
Clarity™ 3D Solver	SYS300	SIGRITY2019
Clarity™ PCB Extraction Suite	SYS932	SIGRITY2019
Clarity™ IC Package Extraction Suite	SYS942	SIGRITY2019

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Product Name	Product No.	Release Stream
Allegro® PCB Symphony Team Design Option	PA3160	SPB174
Allegro® Venture PCB Designer	PA3810	SPB174
Cadence® 3D Design Viewer	PA6605	SPB174
Allegro® AMS Simulator	PS2200	SPB174
Allegro® PCB Librarian	PX3500	SPB174
Allegro® Venture System Design Authoring	SDA100	SPB174
OrbitIO™	SIGR106	SPB174
SiP Layout Option	SIP226	SPB174
APD Silicon Layout Option	SIP230	SPB174
Allegro® Package Designer Plus	SIP4150	SPB174
Spectre® Characterization Simulator Option	3500	SPECTRE201
Spectre® RelXpert Reliability Simulator	33580	SPECTRE201
Interactive mode for Spectre® using Python/TCL	38530	SPECTRE201
Spectre® AMS Designer	70070	SPECTRE201
Spectre® MMSIM with Spectre X Simulator	90006	SPECTRE201
Spectre® Power Option	91400	SPECTRE201
Spectre® CPU Accelerator Option	91500	SPECTRE201
Spectre® Extensive Partitioned Simulator	91600	SPECTRE201
Tempus™ Timing Signoff Solution L	TPS100	SSV202
Tempus™ Timing Signoff Solution XL	TPS200	SSV202
Tempus™ Timing Signoff Solution ECO	TPS300	SSV202
Tempus™ Timing Signoff Solution MP	TPS400	SSV202
Tempus™ Power Integrity Option	TPS600	SSV202
Voltus™ IC Power Integrity Solution XL (VTS-XL)	VTS200	SSV202
Voltus™ IC Power Integrity Solution GXL Option (VTS-AA)	VTS201	SSV202
Voltus™ IC Power Integrity Solution ESD	VTS203	SSV202
Voltus™ IC Power Integrity Solution MP (VTS-MP)	VTS300	SSV202
Stratus™ HLS XL	STR101	STRATUS202
vManager™ Safety	VMG003	VMANAGER2009
vManager™ Linux Client (Quantity 5)	VMG005	VMANAGER2009
vManager™ Project Server	VMG100	VMANAGER2009
Enterprise Simulator XL Interface for MTI	29661	XCELIUM2009
Enterprise Simulator XL Interface for VCS	29671	XCELIUM2009
Xcelium™ Single Core	X300	XCELIUM2009
Xcelium™ Digital Mixed Signal Option	X310	XCELIUM2009
Xcelium™ Safety Simulation	X450	XCELIUM2009

Level Two – Systems Software

Product Name	Product No.	Release Stream
Aurora	PA5900	SIGRITY2019
Advanced SI	SIGR912	SIGRITY2019
Advanced PI	SIGR922	SIGRITY2019
Advanced IBIS Modeling	SIGR952	SIGRITY2019
Celsius™ Thermal Solver	SYS100	SIGRITY2019
Celsius™ CFD Extension	SYS170	SIGRITY2019
Clarity™ 3D Solver	SYS300	SIGRITY2019
Clarity™ PCB Extraction Suite	SYS316	SIGRITY2019
Clarity™ PCB Extraction Suite	SYS932	SIGRITY2019
Clarity™ IC Package Extraction Suite	SYS942	SIGRITY2019
Allegro® PCB Symphony Team Design Option	PA3160	SPB174
Allegro® Venture PCB Designer	PA3810	SPB174
Cadence® 3D Design Viewer	PA6605	SPB174
Allegro® AMS Simulator	PS2200	SPB174
Allegro® PCB Librarian	PX3500	SPB174
Allegro® Venture System Design Authoring	SDA100	SPB174
OrbitIO™	SIGR106	SPB174
Allegro® Package Designer Plus	SIP4150	SPB174
SiP Layout Option	SIP226	SPB174
APD Silicon Layout Option	SIP230	SPB174

Level Three - AWR Products only

Product Name	Product No.	Release Stream
AWR® Toolkit: Advanced Communication Standards	AWRACK100	AWR150
AWR® Analyst: Front-End	AWRANA001	AWR150
AWR® APLAC: Circuit Envelope & Time Domain	AWRAPL110	AWR150
AWR® Microwave Office®: RF PCB Essential	AWRMWO226	AWR150
AWR® Microwave Office®: MMIC Essential	AWRMWO228	AWR150
AWR® Toolkit: Synthesis Wizards	AWRSWS350	AWR150
AWR® Token: EM Simulation	AWRTOK100	AWR150
AWR® Visual System Simulator: Advanced	AWRVSS350	AWR150
AWR® AXIEM: Front-End	AWRXEM001	AWR150

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Changes made for this year:

Removed Products		Replacement Products	
Virtuoso® Analog Design environment XL	95210	Virtuoso® ADE Assembler	95260
Virtuoso® Analog Design environment GXL	95220	Virtuoso® Variation Option	95265
JasperGold® Automatic Formal Linting App	JGAFL100	JasperGold® RTL Designer Apps Option	JGDAO100
Cadence® PVS QuickView Signoff Environment	96246	Cadence® PVS Design Review	96247
JasperGold® Coverage APP Option	JGCOV100	Included in JGFVBASE	
JasperGold® Formal Property Verification APP	JGFPV100	Included in JGFAO100	
JasperGold® Interactive Option	JGINT100	Included in JGFVBASE	
JasperGold® Sequential Equivalency Checking APP	JGSEC100	Included in JGFAO100	
Allegro® Design Authoring High-speed Option	PA1410	Allegro® Venture System Design Authoring	SDA100
Allegro® Design Authoring Multi-Style Option	PA1510	Allegro® Venture System Design Authoring	SDA100
Allegro® Design Authoring Team Design Option	PA1720	Allegro® Venture System Design Authoring	SDA100
Allegro® PCB Designer	PA3100	Allegro® Venture PCB Designer	PA3810
Allegro® PCB High-Speed Option	PA3110	Allegro® Venture PCB Designer	PA3810
Allegro® PCB Miniaturization Option	PA3120	Allegro® Venture PCB Designer	PA3810
Allegro® PCB Analog/RF Option	PA3420	Allegro® Venture PCB Designer	PA3810
Allegro® PCB Design Planning Option	PA3670	End of life – removed	
Allegro® 2 FPGA System Planner Option	PA8250	End of life – removed	
Allegro® ASIC Prototyping with FPGA's	PA8630	End of life – removed	
Allegro® PCB Routing Option	PS3500	Allegro® Venture PCB Designer	PA3810
Allegro® Physical Viewer	PX3600	Allegro® Venture PCB Designer	PA3810
PCB Extraction Suite	SIGR932	Clarity™ PCB Extraction Suite	SYS932
IC Package Extraction Suite	SIGR942	Clarity™ IC Package Extraction Suite	SYS942
Spectre® Multi-Mode Simulation with AMS	90005	Spectre® MMSIM with Spectre X Simulator	90006
Xcelium™ Safety	X490	Xcelium™ Safety Simulation	X450
Virtuoso® LDE Analyzer Option	95230	Not replaced	

New products added this year:

JasperGold® Advanced Platform Option (to JGFVBASE)	JGFVADVP
JasperGold® RTL Designer Apps Option (to JGFVBASE)	JGDAO100
Innovus™ GigaPlace XL Option	INVS45
Innovus™ Power Integrity Option	INVS55
Innovus™ 7nm Option	INVS07
Voltus™ IC Power Integrity Solution ESD	VTS203
Quantus™ 32/28nm to 10nm Option	QTS600
Tempus™ Power Integrity Option	TPS600
Allegro® Venture System Design Authoring	SDA100
Allegro® Venture PCB Designer	PA3810
Clarity™ PCB Extraction Suite	SYS316
APD Silicon Layout Option	SIP230
Virtuoso® MultiTech Framework	95022
Virtuoso® Photonics Option	95550
Virtuoso® Layout Suite EXL	95800
Virtuoso® RF Platform	95561
vManager Safety	VMG003
Celsius™ Thermal Solver	SYS100
Voltus™-Fi Custom Power Integrity Solution - AA Advanced Analysis	VTS501
Clarity™ 3D Solver	SYS300
Spectre® MMSIM with Spectre X Simulator	90006
Clarity™ PCB Extraction Suite	SYS932
Clarity™ IC Package Extraction Suite	SYS942
Celsius™ CFD Extension	SYS170
EMX IC Solver	SYS500
Cadence® Physical Verification System Design Review	96247
Xcelium™ Safety Simulation	X450