

Product Information Sheet

Code Composer Studio™ IDE Platinum v3.3

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Support

Product Information Center (PIC) /

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Texas Instruments Website:

www.ti.com or www.ti.com/ccstudio

DSP KnowledgeBase:

www.ti.com/kbase

DSP Support:

www.ti.com/technicalsupport

Code Composer Studio (CCStudio) IDE Platinum v3.3 Products

ISA	Description	Part Number	SRP	Availability
C6000™, C5000™, C2000™, DaVinci™ and OMAP™	Code Composer Studio Platinum v3.3 bundled with annual subscription	TMDSCCSALL-1	\$3,595	1/29/07
C2000	C2000 Code Composer Studio Platinum v3.3 bundled with annual subscription	TMDSCCS2000-1	\$495	1/29/07
C6000, C5000, C2000, DaVinci and OMAP	Code Composer Studio Platinum v3.3 subscription (1 year service code)	TMDSSUBALL	\$600	1/29/07
C2000	C2000 Code Composer Studio v3.x subscription (1 year service code)	TMDSSUB2000-1	\$495	1/29/07
C6000, C5000, C2000, DaVinci and OMAP	Code Composer Studio Platinum v3.3 120-Day Free Evaluation Tools	SPRC119D	N/C	2/9/07
C6000, C5000, C2000, DaVinci and OMAP	Code Composer Studio Platinum v3.3 sales/demo version (Internal distribution only)	SPRC204A	N/C	1/29/07

New CCStudio IDE Platinum v3.3 Features (see Features Supported by Platform chart on page 3 for specific platform support)

Re-united IDE supporting all platforms: One look and feel, eliminates learning curve for evolving/expanding cross-platform DSP development: (TMS320C6000™, TMS320C5000™, TMS320C2000™, OMAP and DaVinci processors). Significant Savings: 4 for the price of 1.

- SOC enhancements provide more visibility into ARM®-processor activities MMU Page Table viewer for ARM OS memory management and new status bar to view various ARM processor states.
- IDE platform integration simplifies TMS320C64x™ to TMS320CC64x™ migration.

New Unified Breakpoint Manager: Efficient, easy-to-use breakpoint manager saves developers time: Manage both software and hardware breakpoints from a single interface in the new Unified Breakpoint Manager.

Simulation enhancements offer more visibility and depth of analysis: Simulator-based debug features give deeper insight into application behavior. Watch-points tracks memory corruption and interrupt latency checker, helps you meet real-time deadlines predictably. Simulation analysis integration offers advanced code coverage features to quickly identify unexecuted code and pinpoint CPU-intensive code for further optimization.

CCStudio IDE PC Hosts Supported:	CCStudio IDE UNIX Hosts Supported:		
ALL Platforms:	Code Generation Tools Only – optional download available on Update Advisor for registered users under subscription or by request through the Product Information Center (PIC) ONLY		
Windows™ 2000 SP4+, Windows XP SP1, SP2	Platform:	Sun/Solaris	Linux
	ARM, C5000™ (C54x™/C55x™)	≥ 2.5.1	≥ Redhat 7.2
	C2000™, C6000™	≥ 2.5.1	N/A

Catalog Device Support

Platform	Devices
ARM®	ARM11, ARM9, ARM925, ARM926EJ, ARM7
OMAP™ Processors	OMAP310, OMAP1510, OMAP1610, OMAP1710, OMAP2420, OMAP5910, OMAP5912
TMS320C2000™ DSP	F240, F241, C242, F243 LF2401, LF2702, LF2403, LF2406, LF2407, LC2401, LC2402, LC2404, LC2406 F2810, F2811, F2812, C2810, C2811, C2812, R2811, R2812 F2801, F2802, F2806, F2808, F2809, F28015, F28016, F28044, C2801, C2802
TMS320C5000™ DSP	C541, C542, C543, C548, C549, C5401, C5402, C5404, C5407, C5409, C5410, C5416, C5420, C5421, C5441 C5470, C5471 C5501, C5502, C5503, C5507, C5509A, C5510
TMS320C6000™ DSP	C6201, C6202, C6203, C6204, C6205, C6211 C6701, C6711, C6712, C6713 C6411, C6414, C6415, C6416 C6455 DM640, DM641, DM642 DM6443, DM6446, TC16482

Quantity Discount Schedule for New Purchases

Volumes	Software Volume Discount Price	Distributor Margin	Hardware Volume Discount Price	Distributor Margin
1	SRP	0.25	SRP	0.25
2-4	0.9 * SRP	0.20	0.9 * SRP	0.20
5-14	0.8 * SRP	0.15	0.8 * SRP	0.15
>15	0.7 * SRP	0.15	0.7 * SRP	0.15
>25	Contact TI Marketing	Contact TI Marketing	Contact TI Marketing	Contact TI Marketing

Notes: S/W discounts apply only to new CCStudio IDE purchases bundled with annual subscription. Hardware discounts apply to TI emulators and TI hardware bundles that include full CCStudio IDE software. Discount schedule above does not apply to "subscription only" or DSK purchases.

Upgrade Policy for Existing Code Composer Studio IDE Users

CCStudio IDE Platinum CD-ROM upgrades will be distributed to C6000, C5000, and OMAP customers with a valid current subscription automatically. C2000 CCStudio IDE registered users with a valid current subscription will automatically receive the C2000 Platinum v3.3 CD-ROM. Full Platinum v3.3 product updates will NOT be made available through the Update Advisor. This is a full CD-ROM upgrade only. Eligible customers not receiving the CD-ROM automatically must contact World Marketing with proof of registration and current subscription will be validated at the time of the request. Questions regarding registration, subscription service and upgrades should be directed to World Marketing [(972) 293-5050 (e-mail: texasinstruments@worldmarkinc.com)]

Registration Procedures

Code Composer Studio (CCStudio) IDE products must be registered within 30 days of purchase. CCStudio IDE may only be registered via the Internet. You must have a service code to register.

- Register immediately after installation or by selecting Help → Register on the CCStudio IDE drop-down menu.
- If the PC where CCStudio IDE is installed is not Internet enabled: You may use any Internet-enabled PC, open a web browser and enter www.ti.com/registerdstools into the URL. Then, choose the product that you wish to register and follow the online registration steps.
- Users without Internet access may call the PIC or World Marketing to register their product by phone.
- New purchases will receive 15 months of subscription from the date of registration.
- Existing users registering a TMDU upgrade product will not extend their subscription time.

Code Composer Studio IDE Service Codes

The CCStudio IDE product packaging includes a 16-digit service code. This code must be entered during the registration process to enable the subscription.

Code Composer Studio IDE Subscription and Update Advisor Policy

The Update Advisor service is offered to all registered users of full CCStudio Platinum products. Update Advisor offers users bug fixes and patches as they become available. New utilities, feature enhancements and product upgrades will only be available to users with a valid registration and subscription service in place.

The subscription service entitles the user to:

- Access to the Update Advisor for new chip support packages, selected CCStudio IDE plug-in utilities, new feature enhancements and CCStudio IDE patches.
- Free product upgrades via CD-ROM for major upgrades.
- Automatic notification of subscription expiration: Subsequent year subscriptions are available to registered users either directly through World Marketing services or by ordering the appropriate subscription product through normal TI channels. Ordering information is available in the part number table.

Lapsed Subscriptions

Users who have registered tools and wish to renew their subscription service are required to pay back maintenance to bring their agreement up to date. These users should contact World Marketing at (972) 293-5050. Unregistered users will be required to show proof of purchase.

Code Composer Studio™ Version 3.3 Development Tools – Features Supported by Platform

Feature	Code Composer Studio IDE Platinum													
	C6000™ DSP			DaVinci™ Processor			C5000™ DSP			OMAP™ Processors			C2000™ Controllers	
Application Design	C62x™	C64x™	C64x+™	C67x™	DM644x	DM64x™	C54x™	C55x™	ARM7	ARM9	C24x™	C28x™		
DSP/BIOS™ Kernel	X	X	X	X	X	X	X	X					X	
TMS320™ DSP Algorithm Std.	X	X	X	X	X	X	X	X			X		X	
Reference Frameworks ¹	X	X	X	X	X	X	X	X						
Chip Support Library	X	X	X	X	X	X	X	X						
Data Converter Selector Plugin ¹	X	X	X	X	X	X	X	X			X		X	
Driver Development Kit ¹	X	X	X	X	X	X	X	X			X		X	
Update Advisor	X	X	X	X	X	X	X	X	X	X	X		X	
Code & Build														
CCStudio Point and Click IDE	X	X	X	X	X	X	X	X	X	X	X		X	
C/C++ and Assembly Language Tools	X	X	X	X	X	X	X	X	X	X	X ²		X	
CodeWright Integrated Editor	X	X	X	X	X	X	X	X	X	X	X		X	
On-Line Help	X	X	X	X	X	X	X	X	X	X	X		X	
Project Manager	X	X	X	X	X	X	X	X	X	X	X		X	
Debug														
RTDX™	X	X ³	X	X	X ³	X	X	X			X		X	
Fast Simulation	X	X	X	X	X	X	X	X			X		X	
Simulators	X	X	X	X	X	X	X	X	X	X	X		X	
Watch Windows	X	X	X	X	X	X	X	X	X	X	X		X	
GEL Scripting (internal)	X	X	X	X	X	X	X	X	X	X	X		X	
Perl/VBA Scripting ¹ (external)	X	X	X	X	X	X	X	X	X	X	X		X	
Parallel Debug Manager	X	X	X	X	X	X	X	X	X	X	X		X ⁴	
Connect/Disconnect	X	X	X	X	X	X	X	X	X	X	X		X	
Flashburn Utility ¹	X	X	X	X	X	X	X	X	X	X	X		X	
Unified Breakpoint Manager	X	X	X	X	X	X	X	X	X	X	X		X	
Advance Event Triggering	X	X	X	X	X	X	X	X	X	X	X		X	
Code Coverage/Multi-Event Profiler	X	X	X	X	X	X	X	X	X	X	X		X	
Interrupt Latency Checker	X	X	X	X	X	X	X	X	X	X	X		X	
Simulation Watch Points	X	X	X	X	X	X	X	X	X	X	X		X	
Analyze & Tune														
Pipeline Analysis													X	
Rewind	X	X		X	X								X	
Tuning Dashboard and Profiler	X	X		X	X ⁵	X	X	X ⁵	X	X	X		X	
Compiler Consultant	X	X		X	X	X								
Cache Tune	X	X		X	X	X							X	

¹ Available through Update Advisor for users with active CCStudio IDE subscription

² C and ASM support only

³ HSRTDX available

⁴ Supports only homogeneous multi-processing

⁵ Includes power management advice

TI Worldwide Technical Support

Internet

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support.ti.com

TI Semiconductor KnowledgeBase Home Page

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