CADENCE DESIGN SYSTEMS INC Form 424B3 September 04, 2007 Filed under Rule 424(b)(3) and (7) of the Securities Act of 1933, relating to Registration No. 333-145000

Supplement No. 1

to Prospectus Dated July 31, 2007 and Prospectus Supplement Dated August 1, 2007

of

CADENCE DESIGN SYSTEMS, INC.

Relating to

 $\$250,\!000,\!000$ 1.375% Convertible Senior Notes Due 2011

\$250,000,000 1.500% Convertible Senior Notes Due 2013

and

Shares of Common Stock Issuable upon Conversion of the Notes

This supplement no. 1 relates to the resale by selling securityholders of Cadence s 1.375% Convertible Senior Notes Due 2011 (the 2011 Notes) and 1.500% Convertible Senior Notes Due 2013 (the 2013 Notes and, together with the 2011 Notes, the Notes) and the shares of Cadence common stock issuable upon conversion of the notes.

You should read this supplement no. 1 in conjunction with the prospectus dated July 31, 2007 and the prospectus supplement dated August 1, 2007, which should be delivered in conjunction with this supplement. This supplement is not complete without, and may not be delivered or used except in conjunction with, the prospectus and prospectus supplement. This supplement is qualified by reference to the prospectus and prospectus supplement, except to the extent that the information provided by this supplement supersedes information contained in the prospectus supplement.

Investing in the notes and the common stock issuable upon conversion of the notes involves risk. See the discussion entitled Risk Factors beginning on page S-6 of the prospectus supplement dated August 1, 2007.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this supplement, the prospectus dated July 31, 2007, or the prospectus supplement dated August 1, 2007. Any representation to the contrary is a criminal offense.

The tables under the caption Selling Securityholders beginning on page S-6 of the prospectus supplement are hereby supplemented and amended by adding certain selling securityholders identified in the tables below. We prepared these tables based on information supplied to us by the selling securityholders named in the tables below on or prior to August 31, 2007. Information about the selling securityholders may change over time. If required, any changed or new information given to us will be set forth in supplements to the prospectus supplement or amendments to the registration statement of which this supplement is a part, if and when necessary.

We have assumed for purposes of the tables below that the selling securityholders will sell all of the notes and all of the common stock issuable upon conversion of the notes pursuant to this supplement, the prospectus supplement dated August 1, 2007, and the prospectus dated July 31, 2007, and that any other shares of our common stock beneficially owned by the selling securityholder will continue to be beneficially owned.

Except as set forth below, the selling securityholders listed in the tables below do not have, nor within the past three years have had, any position, office or other material relationship with us or any of our predecessors or affiliates.

The selling securityholders identified below may have sold, transferred or otherwise disposed of, pursuant to transactions exempt from the registration requirements of the Securities Act of 1933, as amended, all or a portion of its notes since the date on which it provided the information regarding its notes.

SELLING SECURITYHOLDERS OF THE 2011 NOTES

	Principal				Number of Shares of	
	Amount of Notes Beneficially	Percentage	Number of Shares of Common	Number of Shares	Common Stock Beneficially Owned	Natural Person(s) with
N	Owned and Offered	of Notes	Stock	of Common		Voting or
Name of Selling Securityholder	(USD)(4)	Outstanding (%)	Beneficially Owned(1)(2)	Stock Offered (1)	the Offering(2)(3)	Investment Power
Froley Revy Alternative	750,000	*	35,461	35,461	0	Ann
Strategies	750,000		33,101	33,101	O .	Houlihan
JP Morgan Securities	7,450,000	2.98	352,246	352,246	0	Brad
Inc.(#)						Crouch
Citigroup Global	6,430,000	2.57	304,019	304,019	0	Citigroup
Markets Inc. (#)						Global
						Markets
Lord Abbett Investment	2,850,000	1.14	134,752	134,752	0	Inc. Maren
Trust LA Convertible Fund	2,630,000	1.17	154,732	134,732	Ü	Lindstrom
Lord Abbett Series Fund	250,000	*	11,820	11,820	0	Maren
Bond Debenture						Lindstrom
Portfolio					_	
Intl. Truck & Engine	580,000	*	27,423	27,423	0	Maren
Corp Non Contributory Retirement Plan Trust						Lindstrom
Intl. Truck & Engine	290,000	*	13,712	13,712	0	Maren
Corp. Retirement Plan	270,000		13,712	13,712	O .	Lindstrom
for Salaried Employee s						
Trust						
KeySpan Insurance	130,000	*	6,147	6,147	0	Maren
Company	115,000	ate	5 425	5 425	0	Lindstrom
Vermont Mutual	115,000	*	5,437	5,437	0	Maren
Insurance Company Commissioners of the	1,020,000	*	48,227	48,227	0	Lindstrom Maren
Land Office	1,020,000	•	40,221	70,221	U	Lindstrom
Land Office		2	2			Lingonom
		_				

					Number			
	Principal Amount of Notes Beneficially	Percentage	Number of Shares of Common	Number of Shares of	of Shares of Common Stock Beneficially Owned	Natural Person(s) with		
Name of Selling Securityholder	Owned and Offered (USD)(4)	of Notes Outstanding (%)	Stock Beneficially Owned(1)(2)	Common Stock	after the Offering(2)(3)	Voting or Investment Power		
Wachovia Bank, NA, as Trustee for the SCI Cemetery Merchandise Common Trust	135,000	*	6,383	6,383	0	Maren Lindstrom		
Wachovia Bank, NA, as Trustee for the SCI Pre-Need Common Trust Fund	85,000	*	4,019	4,019	0	Maren Lindstrom		
Pension, Hospitalization Benefit Plan of the Electrical Ind Plan	520,000	*	24,583	24,583	0	Maren Lindstrom		
NFS SCI Funeral and Merchandise Fixed Common Trust	220,000	*	10,402	10,402	0	Maren Lindstrom		
Total Fina Elf Finance USA, Inc.	240,000	*	11,348	11,348	0	Maren Lindstrom		
Met Investor Series Trust Bond Debenture	1,800,000	*	85,106	85,106	0	Maren Lindstrom		
B.C. McCabe Foundation	100,000	*	4,728	4,728	0	Maren Lindstrom		
National Fuel & Gas Company Retirement Plan	440,000	*	20,804	20,804	0	Maren Lindstrom		
KeySpan Foundation	50,000	*	2,364	2,364	0	Maren Lindstrom		
Philadelphia Board of Pensions	550,000	*	26,005	26,005	0	Maren Lindstrom		
NYC Teachers Variable Annuity Fund	1,400,000	*	66,194	66,194	0	Maren Lindstrom		
Oakwood Healthcare Inc. Funded Depreciation	195,000	*	9,220	9,220	0	Nick Calamos		
Oakwood Healthcare Inc.	500,000	*	23,641	23,641	0	Nick		
Pension Oakwood Healthcare Inc.	20,000	*	946	946	0	Calamos Nick		
Endowment / A & D Oakwood Healthcare Inc. OHP	28,000	*	1,324	1,324	0	Calamos Nick Calamos		

					Number	
					of	
	Dwinainal				Shares of	
	Principal Amount		Number of	NT 1	Common	Natural
	of Notes Beneficially	Percentage	Shares of Common	Number of Shares	Stock Beneficially Owned	Person(s) with
	Owned and	of Notes	Stock	of Common	after	Voting or
Name of Selling	Offered	Outstanding	Beneficially	Stock	the	Investment
Securityholder	(USD)(4)	(%)	Owned (1)(2)		Offering(2)(3)	Power
Oakwood Assurance	95,000	*	4,492	4,492	0	Nick
Company Ltd.						Calamos
Delta Airlines Master	1,950,000	*	92,199	92,199	0	Nick
Trust						Calamos
Munson Medical Center	255,000	*	12,057	12,057	0	Nick
Retirement Plan	200.000	d.	12.220	12.220	0	Calamos
Munson2 Healthcare	280,000	*	13,239	13,239	0	Nick
Board Designated						Calamos
Operating Fund American Beacon Funds	305,000	*	14,421	14,421	0	Nick
American Beacon Funds	303,000	·	14,421	14,421	U	Calamos
Port Authority of	160,000	*	7,565	7,565	0	Nick
Allegheny County	100,000		7,505	7,505	O	Calamos
Consolidated Trust Fund						Caramos
North Dakota State	940,000	*	44,444	44,444	0	Nick
Investment Board	7.0,000		,	,	Ü	Calamos
Oakwood Healthcare Inc.	21,000	*	993	993	0	Nick
Professional Liability	,					Calamos
Oakwood Healthcare Inc.	67,000	*	3,168	3,168	0	Nick
Working Capital						Calamos
Univar USA Inc.	1,375,000	*	65,012	65,012	0	Nick
Retirement Plan						Calamos
Port Authority of	1,750,000	*	82,742	82,742	0	Nick
Allegheny County						Calamos
Retirement and						
Disability Allowance						
Plan for the Employees						
Represented by Local 85						
of the Amalgamated Transit Union						
The Dow Chemical	5,300,000	2.12	250,591	250,591	0	Nick
Company Employees	3,300,000	2.12	230,371	230,371	O	Calamos
Retirement Plan						Cululiios
Dorinco Reinsurance	2,550,000	1.02	120,567	120,567	0	Nick
Company	, ,		- /- * •	- ,	-	Calamos
City of Knoxville	425,000	*	20,095	20,095	0	Nick
Pension System						Calamos

	Principal Amount of Notes Beneficially	Percentage	Number of Shares of Common	Number of Shares	Number of Shares of Common Stock Beneficially	Natural Person(s) with
Name of Selling Securityholder Macomb County Employees Retirement System	Owned and Offered (USD)(4) 900,000	of Notes Outstanding (%) *	Stock Beneficially Owned(1)(2) 42,553	of Common Stock Offered (1) 42,553	Owned after the Offering(2)(3)	Voting or Investment Power Nick Calamos
Knoxville Utilities Board Retirement System	390,000	*	18,440	18,440	0	Nick Calamos
Boilermakers Blacksmith Pension Trust	5,100,000	2.04	241,135	241,135	0	Nick Calamos
Aventis Pension Master Trust	860,000	*	40,662	40,662	0	Nick Calamos
Delta Pilots Disability and Survivorship Trust	1,100,000	*	52,009	52,009	0	Nick Calamos
SCI Endowment Care Common Trust Fund Regions Bank	320,000	*	15,130	15,130	0	Nick Calamos
SCI Endowment Care Common Trust Fund SunTrust Bank	145,000	*	6,856	6,856	0	Nick Calamos
Union Carbide Retirement Account	2,725,000	1.09	128,842	128,842	0	Nick Calamos
Prisma Foundation	355,000	*	16,785	16,785	0	Nick Calamos
SCI Endowment Care Common Trust Fund US Bank, NA	95,000	*	4,492	4,492	0	Nick Calamos
US Bank FBO Essentia Health Services	380,000	*	17,967	17,967	0	Nick Calamos
SPT	2,550,000	1.02	120,567	120,567	0	Nick Calamos
CEMEX Pension Plan	460,000	*	21,749	21,749	0	Nick Calamos
CALAMOS Convertible Fund CALAMOS Investment Trust	16,500,000	6.60	780,141	780,141	0	Nick Calamos
Peoples Benefit Life Insurance Company Teamsters	10,500,000	4.20	496,454	496,454	0	Alex Lach

Bank of America	2,000,000	*	94,563	94,563	0	Alex Lach
Pension Plan						
Redbourn Partners Ltd.	4,500,000	1.80	212,766	212,766	0	Alex Lach
Retail Clerks Pension	1,000,000	*	47,281	47,281	0	Alex Lach
Trust 2						
		5	;			

	Principal Amount of Notes Beneficially	Percentage	Number of Shares of Common	Number of Shares of	Number of Shares of Common Stock Beneficially Owned	Natural Person(s) with
Name of Selling Securityholder	Owned and Offered (USD)(4)	of Notes Outstanding (%)	Stock Beneficially Owned(1)(2)	Common Stock	after the Offering(2)(3)	Voting or Investment Power
DeepRock & Co John Deere Pension Trust	1,000,000 1,000,000	*	47,281 47,281	47,281 47,281	0	Alex Lach Alex Lach

- * Less than one percent (1%).
- # The selling securityholder is a registered broker-dealer.
- + The selling securityholder is an affiliate of a registered broker-dealer.
- (1) Assumes conversion of all of the holder s notes at a conversion rate of 47.2813 shares of common stock per \$1,000 principal amount at maturity of the notes. This conversion rate is subject to adjustment as described under Description of Notes Conversion Rights. As a result, the number of shares of common stock

issuable upon conversion of the notes may increase or decrease in the future. Further, pursuant to the terms of the notes, upon conversion we will pay cash and shares of our common stock, if any, based on a daily settlement amount calculated on a proportionate basis for each day of the relevant 20 trading-day observation period. Accordingly, the number of shares of our common stock we would actually deliver upon conversion of any notes would be lower than the numbers shown for any holder of notes in the table above. The numbers of shares set forth in the table above exclude shares of common stock that may be issued as described under Description of Notes Adjustment to Shares Delivered upon Conversion Upon a

Fundamental Change and the

fractional shares.
Holders will
receive a cash
adjustment for
any fractional
share amount
resulting from
conversion of the
notes, as
described under
Description of
Notes
Conversion
Rights.

- (2) The number of shares of common stock beneficially owned by each holder named above is less than 1% of our outstanding common stock, calculated based on 277,528,689 shares of common stock outstanding as of June 30, 2007. In calculating this amount for each holder, we treated as outstanding the number of shares of common stock issuable upon conversion of all of that holder s notes, but we did not assume conversion of any other holder s notes.
- (3) For the purposes of computing the number and percentage of notes and shares

to be held by the selling securityholders after the conclusion of the offering, we have assumed for purposes of the table above that the selling securityholder named above will sell all of the notes and all of the common stock issuable upon conversion of the notes offered by this supplement no. 1, the prospectus supplement dated August 1, 2007 and the prospectus dated July 31, 2007, and that any other shares of our common stock beneficially owned by the selling securityholder will continue to be beneficially owned. We also assume that unnamed holders of notes, or any future transferees, pledgees, donees or successors of from any such holder, do not beneficially own any common stock other than that issuable upon conversion of the

notes.

(4) The maximum principal amount of 2011 Notes that may be sold under the prospectus dated July 31, 2007, the prospectus supplement dated August 1, 2007 and all supplements thereto will not exceed \$250,000,000.

SELLING SECURITYHOLDERS OF THE 2013 NOTES

	Principal Amount of Notes Beneficially	Percentage	Number of Shares of Common	Number of Shares of Common	Number of Shares of Common Stock	Natural Person(s) with Voting
	Owned and	of Notes	Stock	Stock	Beneficially	or
Name of Selling	Offered	Outstanding	Beneficially	Offered	Owned after the	Investment
Securityholder	(USD)(4)	(%)	Owned(1)(2)	(1)	Offering(2)(3)	
JP Morgan Securities Inc.(#)	6,112,000	2.44	288,983	288,983	0	Brad Crouch
шс.(π)		6				Clouch

					Number	
	Principal				of	
	Amount of		Number of	Number	Shares of	Natural
	Notes		Shares of	of Shares	Common	Person(s)
	Beneficially	Percentage	Common	of Common	Stock	with
	Owned and	of Notes	Stock	Stock	Beneficially	Voting
	Owned and	of Notes	Stock	Stock	Owned	or
Name of Selling	Offered	Outstanding	Beneficially	Offered	after the	Investment
Securityholder	(USD)(4)	(%)	Owned(1)(2)	(1)	Offering(2)(3)	Power
CALAMOS Growth &	48,908,000	19.56	2,312,434	2,312,434	0	Nick
Income Fund						Calamos
CALAMOS Investment						
Trust						
North Slope Borough	238,000	*	11,253	11,253	0	Nick
						Calamos
Cal Farley s Boys Ranch	196,000	*	9,267	9,267	0	Nick
Foundation	200.000	al.	12.220	12.220	0	Calamos
Dunham Appreciation	280,000	*	13,239	13,239	0	Nick
and Income Fund (#) CALAMOS Growth &	200,000	*	14.000	14,000	0	Calamos
Income Portfolio	298,000	Ψ.	14,090	14,090	0	Nick Calamos
CALAMOS Advisors						Calallios
Trust						
Ellington Overseas	4,000,000	1.60	189,125	189,125	0	(5)
Partners, LTD	4,000,000	1.00	109,123	109,123	U	(3)
1 4141015, 12112						

^{*} Less than one percent (1%).

- # The selling securityholder is a registered broker-dealer.
- + The selling securityholder is an affiliate of a registered broker-dealer.
- (1) Assumes
 conversion of all
 of the holder s
 notes at a
 conversion rate of
 47.2813 shares of
 common stock

per \$1,000 principal amount at maturity of the notes. This conversion rate is subject to adjustment as described under Description of Notes Conversion Rights. As a result, the number of shares of common stock issuable upon conversion of the notes may increase or decrease in the future. Further, pursuant to the terms of the notes, upon conversion we will pay cash and shares of our common stock, if any, based on a daily settlement amount calculated on a proportionate basis for each day of the relevant 20 trading-day observation period. Accordingly, the number of shares of our common stock we would actually deliver upon conversion of any notes would be lower than the numbers shown for any holder of notes in the table above. The numbers of

shares set forth in

the table above exclude shares of common stock that may be issued as described under Description of Notes Adjustment to Shares Delivered upon Conversion Upon a Fundamental Change and the fractional shares. Holders will receive a cash adjustment for any fractional share amount resulting from conversion of the notes, as described under Description of Notes Conversion

(2) The number of shares of common stock beneficially owned by each holder named above is less than 1% of our outstanding common stock, calculated based on 277,528,689 shares of common stock outstanding as of June 30, 2007. In calculating this amount for each holder, we treated as outstanding the number of shares of common stock

Rights.

issuable upon conversion of all of that holder s notes, but we did not assume conversion of any other holder s notes.

(3) For the purposes of computing the number and percentage of notes and shares to be held by the selling securityholders after the conclusion of the offering, we have assumed for purposes of the table above that the selling securityholder named above will sell all of the notes and all of the common stock issuable upon conversion of the notes offered by this supplement no. 1, the prospectus supplement dated August 1, 2007 and the prospectus dated July 31, 2007, and that any other shares of our common stock beneficially owned by the selling securityholder will continue to be beneficially owned. We also

assume that

unnamed holders of notes, or any future transferees, pledgees, donees or successors of from any such holder, do not beneficially own any common stock other than that issuable upon conversion of the notes.

(4) The maximum principal amount of 2013 Notes that may be sold under the prospectus dated July 31, 2007, the prospectus supplement dated August 1, 2007 and all supplements thereto will not exceed \$250,000,000.

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(5) Ellington

Management

Group, LLC is

the investment

adviser of the

selling security

holder. Michael

Vranos, as

principal of

Ellington

Management

Group, LLC,

has voting and

investment

control of the

securities

offered hereby.

Mr. Vranos

disclaims

beneficial

ownership over

the Registrable

Securities

except to the

extent of any

indirect

ownership

interest he may

have in such

securities

through his

economic

participation in

the selling

security holder.

The date of this supplement no. 1 is September 4, 2007.