

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**

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

| <b>Name of Selling Securityholder</b>                                       | <b>Principal Amount of Notes Beneficially Owned and Offered (USD)(4)</b> | <b>Percentage of Notes Outstanding (%)</b> | <b>Number of Shares of Common Stock Beneficially Owned(1)(2)</b> | <b>Number of Shares of Common Stock Offered (1)</b> | <b>Number of Shares of Common Stock Beneficially Owned after the Offering(2)(3)</b> | <b>Natural Person(s) with Voting or Investment Power</b> |
|---|--|--|--|---|---|--|
| 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. Pension   | 500,000  | *  | 23,641   | 23,641  | 0   | Nick Calamos   |
| Oakwood Healthcare Inc. Endowment / A & D                                   | 20,000   | *  | 946  | 946   | 0   | Nick Calamos   |
| Oakwood Healthcare Inc. OHP   | 28,000   | *  | 1,324  | 1,324   | 0   | Nick Calamos   |



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|--|--|--|--|---|---|--|
| Oakwood Assurance Company Ltd.   | 95,000   | *  | 4,492  | 4,492   | 0   | Nick Calamos   |
| Delta Airlines Master Trust  | 1,950,000  | *  | 92,199   | 92,199  | 0   | Nick Calamos   |
| Munson Medical Center Retirement Plan  | 255,000  | *  | 12,057   | 12,057  | 0   | Nick Calamos   |
| Munson2 Healthcare Board Designated Operating Fund   | 280,000  | *  | 13,239   | 13,239  | 0   | Nick Calamos   |
| American Beacon Funds  | 305,000  | *  | 14,421   | 14,421  | 0   | Nick Calamos   |
| Port Authority of Allegheny County Consolidated Trust Fund   | 160,000  | *  | 7,565  | 7,565   | 0   | Nick Calamos   |
| North Dakota State Investment Board  | 940,000  | *  | 44,444   | 44,444  | 0   | Nick Calamos   |
| Oakwood Healthcare Inc. Professional Liability   | 21,000   | *  | 993  | 993   | 0   | Nick Calamos   |
| Oakwood Healthcare Inc. Working Capital  | 67,000   | *  | 3,168  | 3,168   | 0   | Nick Calamos   |
| Univar USA Inc. Retirement Plan  | 1,375,000  | *  | 65,012   | 65,012  | 0   | Nick Calamos   |
| Port Authority of Allegheny County Retirement and Disability Allowance Plan for the Employees Represented by Local 85 of the Amalgamated Transit Union | 1,750,000  | *  | 82,742   | 82,742  | 0   | Nick Calamos   |
| The Dow Chemical Company Employees Retirement Plan   | 5,300,000  | 2.12                                       | 250,591  | 250,591   | 0   | Nick Calamos   |
| Dorinco Reinsurance Company  | 2,550,000  | 1.02                                       | 120,567  | 120,567   | 0   | Nick Calamos   |
| City of Knoxville Pension System   | 425,000  | *  | 20,095   | 20,095  | 0   | Nick Calamos   |



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|---|--|--|--|---|---|--|
| Macomb County Employees Retirement System         | 900,000  | *  | 42,553   | 42,553  | 0   | 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              | 320,000  | *  | 15,130   | 15,130  | 0   | Nick Calamos   |
| Regions Bank SCI Endowment Care Common Trust Fund | 145,000  | *  | 6,856  | 6,856   | 0   | Nick Calamos   |
| SunTrust Bank 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              | 95,000   | *  | 4,492  | 4,492   | 0   | Nick Calamos   |
| US Bank, NA 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  |



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

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

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

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

\* 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 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.

- (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.