

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20594

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)*

Texas Instruments Incorporated

(Name of Issuer)

Common Stock

(Title of Class of Securities)

882508104

(CUSIP Number)

Check the following box if a fee is being paid with this statement [].
(A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1: and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7).

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
The Capital Group Companies, Inc.
86-0206507

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
(a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware

5 SOLE VOTING POWER
3,120

6 SHARED VOTING POWER
NONE

7 SOLE DISPOSITIVE POWER
20,987,580

8 SHARED DISPOSITIVE POWER
NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
20,987,580 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
5.4%

12 TYPE OF REPORTING PERSON*
HC

* SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
Capital Research and Management Company
95-1411037

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
(a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware

5 SOLE VOTING POWER
NONE

6 SHARED VOTING POWER
NONE

7 SOLE DISPOSITIVE POWER
20,984,460

8 SHARED DISPOSITIVE POWER
NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
20,984,460 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
5.4%

12 TYPE OF REPORTING PERSON*
IA

* SEE INSTRUCTION BEFORE FILLING OUT!

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

Schedule 13G
Under the Securities Exchange Act of 1934

Amendment No. 3

Item 1(a) Name of Issuer:

Texas Instruments Incorporated

Item 1(b) Address of Issuer's Principal Executive Offices:

13500 North Central Expressway
P.O. Box 655474, M/S 241
Dallas, TX 75265-5474

Item 2(a) Name of Person(s) Filing:

The Capital Group Companies, Inc., Capital Research and
Management Company

Item 2(b) Address of Principal Business Office:

333 South Hope Street
Los Angeles, CA 90071

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

882508104

Item 3 The person(s) filing is(are):

(e) Investment Adviser registered under Section 203 of
the Investment Advisers Act of 1940.

(g) Parent Holding Company in accordance with Section
240.13d-1(b)(1)(ii)(G).

Item 4 Ownership

The Capital Group Companies, Inc. is the parent holding company of a group of investment management companies that hold investment power and, in some cases, voting power over the securities reported in this Schedule 13G. The investment management companies, which include a "bank" as defined in Section 3(a)6 of the Securities Exchange Act of 1934 (the "Act") and several investment advisers registered under Section 203 of the Investment Advisers Act of 1940, provide investment advisory and management services for their respective clients which include registered investment companies and institutional accounts. The Capital Group Companies, Inc. does not have investment power or voting power over any of the securities reported herein; however, The Capital Group Companies, Inc. may be deemed to "beneficially own" such securities by virtue of Rule 13d-3 under the Act.

Capital Research and Management Company, an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 and wholly owned subsidiary of The Capital Group Companies, Inc., is the beneficial owner of 20,984,460 shares or 5.4% of the 390,258,000 shares of Common Stock believed to be outstanding as a result of acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940.

The remaining shares reported as being beneficially owned by The Capital Group Companies, Inc. are beneficially owned by other subsidiaries of The Capital Group Companies, Inc. listed under item 7, none of which by itself owns 5% or more of the outstanding securities.

Item 5 Ownership of 5% or Less of a Class: []

Item 6 Ownership of More than 5% on Behalf of Another Person: N/A

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

1. Capital Research and Management Company is an Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940 and is a wholly owned subsidiary of The Capital Group Companies, Inc.
2. Capital Guardian Trust Company is a bank as defined in Section 3(a)(6) of the Act and a wholly owned subsidiary of The Capital Group Companies, Inc.

Item 8 Identification and Classification of Members of the Group: N/A

Item 9 Notice of Dissolution of the Group: N/A

Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 10, 1998

Signature: *Larry P. Clemmensen

Name/Title: Larry P. Clemmensen, President
The Capital Group Companies, Inc.

Date: February 10, 1998

Signature: *Paul G. Haaga, Jr.

Name/Title: Paul G. Haaga, Jr., Executive Vice
President
Capital Research and Management Company

*By

James P. Ryan
Attorney-in-fact

Signed pursuant to a Power of Attorney dated December 4, 1997 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by The Capital Group Companies, Inc. on December 10, 1997 with respect to Viatel Inc.

AGREEMENT

Los Angeles, CA
February 10, 1998

The Capital Group Companies, Inc. ("CGC") and Capital Research and Management Company ("CRMC") hereby agree to file a joint statement on Schedule 13G under the Securities Exchange Act of 1934 (the "Act") in connection with their beneficial ownership of Common Stock issued by Texas Instruments Incorporated.

CGC and CRMC state that they are each entitled to individually use Schedule 13G pursuant to Rule 13d-1(c) of the Act.

CGC and CRMC are each responsible for the timely filing of the statement and any amendments thereto, and for the completeness and accuracy of the information concerning each of them contained therein but are not responsible for the completeness or accuracy of the information concerning the others.

THE CAPITAL GROUP COMPANIES, INC.

BY: *Larry P. Clemmensen

Larry P. Clemmensen, President
The Capital Group Companies,
Inc.

CAPITAL RESEARCH AND MANAGEMENT COMPANY

BY: *Paul G. Haaga, Jr.

Paul G. Haaga, Jr., Executive
Vice President
Capital Research and Management
Company

*By

James P. Ryan
Attorney-in-fact

Signed pursuant to a Power of Attorney dated December 4, 1997 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by The Capital Group Companies, Inc. on December 10, 1997 with respect to Viatel Inc.