

SCHEDULE 13G

Amendment No. 2
Texas Instruments Incorporated
common stock
Cusip # 882508104
Filing Fee: No

Cusip # 882508104
Item 1: Reporting Person - FMR Corp. - (Tax ID: 04-2507163)
Item 4: Commonwealth of Massachusetts
Item 5: 517,676
Item 6: None
Item 7: 8,353,555
Item 8: None
Item 9: 8,353,555
Item 11: 10.05%
Item 12: HC

Cusip # 882508104
Item 1: Reporting Person - Edward C. Johnson 3d - (Tax ID:
###-##-####)
Item 4: United States of America
Item 5: None
Item 6: None
Item 7: 8,353,555
Item 8: None
Item 9: 8,353,555
Item 11: 10.05%
Item 12: IN

SCHEDULE 13G - TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Item 1(a). Name of Issuer:

Texas Instruments Incorporated

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

13500 North Central Expressway, P.O. Box 655474
Dallas, TX 75265-5474

Item 2(a). Name of Person Filing:

FMR Corp.

Item 2(b). Address or Principal Business Office or, if None,
Residence:

82 Devonshire Street, Boston, Massachusetts 02109

Item 2(c). Citizenship:

Not applicable

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

882508104

Item 3. This statement is filed pursuant to Rule 13d-1(b) or 13d-
2(b) and the person filing, FMR Corp., is a parent
holding company in accordance with Section 240.13d-
1(b)(ii)(G). (Note: See Item 7).

Item 4. Ownership

(a) Amount Beneficially Owned: 8,353,555

(b) Percent of Class: 10.05%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:
517,676

(ii) shared power to vote or to direct the vote:
None

(iii) sole power to dispose or to direct the
disposition of: 8,353,555

(iv) shared power to dispose or to direct the
disposition of: None

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of
Another Person.

Various persons have the right to receive or the
power to direct the receipt of dividends from, or
the proceeds from the sale of, the common stock of
Texas Instruments Incorporated. The interest of
one person, Fidelity Magellan Fund, an investment
company registered under the Investment Company
Act of 1940, in the common stock of Texas
Instruments Incorporated, amounted to 4,804,500
shares or 5.78% of the total outstanding common
stock at December 31, 1993.

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

See attached Exhibit(s) A, B, and C.

Item 8. Identification and Classification of Members of the
Group.

Not applicable, see attached Exhibit A.

Item 9. Notice of Dissolution of Group.

Not applicable.

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.

February 11, 1994

Date

/S/Arthur S. Loring
Signature

Arthur S. Loring, Vice
President
Name/Title

SCHEDULE 13G - TO BE INCLUDED IN STATEMENTS
FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Pursuant to the instructions in Item 7 of Schedule 13G, Fidelity Management & Research Company ("Fidelity"), 82 Devonshire Street, Boston, Massachusetts 02109, a wholly-owned subsidiary of FMR Corp. and an investment adviser registered under Section 203 of the Investment Advisers Act of 1940, is the beneficial owner of 7,547,949 shares or 9.08% of the common stock outstanding of Texas Instruments Incorporated ("the Company") as a result of acting as investment adviser to several investment companies registered under Section 8 of the Investment Company Act of 1940. The number of shares of common stock of Texas Instruments Incorporated owned by the investment companies at December 31, 1993 included 120,660 shares of common stock resulting from the assumed conversion of \$10,000 principal amount of the 2.75% EuroConvertible Debentures (12.066 shares of common stock for each \$1,000 principal amount of the debentures).

The ownership of one investment company, Fidelity Magellan Fund, amounted to 4,804,500 shares or 5.78% of the common stock outstanding. Fidelity Magellan Fund has its principal business office at 82 Devonshire Street, Boston, Massachusetts 02109.

Edward C. Johnson 3d, FMR Corp., through its control of Fidelity, and the Funds each has sole power to dispose of the 7,547,949 shares owned by the Funds.

Neither FMR Corp. nor Edward C. Johnson 3d, Chairman of FMR Corp., has the sole power to vote or direct the voting of the Shares owned directly by the Fidelity Funds, which power resides with the Funds' Boards of Trustees. Fidelity carries out the voting of the Shares under written guidelines established by the Funds' Boards of Trustees.

Fidelity Management Trust Company, 82 Devonshire Street, Boston, Massachusetts 02109, a wholly-owned subsidiary of FMR Corp. and a bank as defined in Section 3(a)(6) of the Securities Exchange Act of 1934, is the beneficial owner of 727,206 shares or 0.87% of the common stock outstanding of the company as a result of its serving as investment manager of the institutional account(s).

FMR Corp., through its control of Fidelity Management Trust Company, has sole dispositive power over 727,206 Shares and sole power to vote or to direct the voting of 439,276 shares, and no power to vote or to direct the voting of 287,930 Shares of common stock owned by the institutional account(s) as reported above.

Edward C. Johnson 3d owns 34.0% of the outstanding voting common stock of FMR Corp. Mr. Johnson 3d is Chairman of FMR Corp. Various Johnson family members and trusts for the benefit of Johnson family members own FMR Corp. voting common stock. These Johnson family members, through their ownership of voting common stock, form a controlling group with respect to FMR Corp.

Fidelity International Limited, Pembroke Hall, 42 Crowlane, Hamilton, Bermuda, and various foreign-based subsidiaries provide investment advisory and management services to a number of non-U.S. investment companies (the "International Funds") and certain institutional investors. Fidelity International Limited is the beneficial owner of 78,400 shares or 0.09% of the common stock outstanding of the company. Additional information with respect to the beneficial ownership of Fidelity International Limited is shown on Exhibit B, page 10.

Pursuant to instructions in Item 7 of Schedule 13G, this Exhibit has been prepared to identify Fidelity International Limited, Pembroke Hall, 42 Crow Lane, Hamilton, Bermuda, a Bermudian joint stock company incorporated for an unlimited duration by private act of the Bermuda Legislature (FIL) and an investment adviser to various investment companies (the "International Funds") and certain institutional investors, as the beneficial owner of 78,400 shares or 0.09% of the common stock outstanding of Texas Instruments Incorporated.

Prior to June 30, 1980, FIL was a majority-owned subsidiary of Fidelity Management & Research Company (Fidelity), a wholly-owned subsidiary of FMR Corp. On that date, the shares of FIL held by Fidelity were distributed, as a dividend, to the shareholders of FMR Corp. FIL currently operates as an entity independent of FMR Corp. and Fidelity. The International Funds and FIL's other clients, with the exception of Fidelity and an affiliated company of Fidelity, are non-U.S. entities.

A partnership controlled by Edward C. Johnson 3d and members of his family owns shares of FIL voting stock with the right to cast approximately 48.879% of the total votes which may be cast by all holders of FIL voting stock. Mr. Johnson 3d is Chairman of FMR Corp. and FIL. FMR Corp. and FIL are separate and independent corporate entities. FMR Corp. and FIL are managed independently and their Boards of Directors are generally composed of different individuals. Their investment decisions are made independently, and their clients are different organizations.

FMR Corp. and FIL are of the view that they are not acting as a "group" for purposes of Section 13(d) under the Securities Exchange Act of 1934 (the "1934" Act) and that they are not otherwise required to attribute to each other the "beneficial ownership" of securities "beneficially owned" by the other corporation within the meaning of Rule 13d-3 promulgated under the 1934 Act. Therefore, they are of the view that the shares held by the other corporation need not be aggregated for purposes of Section 13(d). However, FMR Corp. is making this filing on a voluntary basis as if all of the shares are beneficially owned by FMR Corp. and FIL on a joint basis.

FIL may continue to have the International Funds or other accounts purchase shares subject to a number of factors, including, among others, the availability of shares for sale at what FIL considers to be reasonable prices and other investment opportunities that may be available to the International Funds.

FIL intends to review continuously the equity position of the International Funds and other accounts in the Company. Depending upon its future evaluations of the business and prospects of the Company and upon other developments, including, but not limited to, general economic and business conditions and money market and stock market conditions, FIL may determine to cease making additional purchases of shares or to increase or decrease the equity interest in the Company by acquiring additional shares, or by disposing of all or a portion of the shares.

FIL does not have a present plan or proposal which relates to or would result in (i) an extraordinary corporate transaction, such as a merger, reorganization, liquidation, or sale or transfer of a material amount of assets involving the Company or any of its subsidiaries, (ii) any change in the Company's present Board of Directors or management, (iii) any material changes in the Company's present capitalization or dividend policy or any other material change in the Company's business or corporate structure, (iv) any change in the Company's charter or by-laws, or (v) the Company's common stock becoming eligible for termination of its registration pursuant to Section 12(g)(4) of the 1934 Act.

FIL has the sole power to vote and the sole power to dispose of the shares.

RULE 13d-1(e) AGREEMENT

The undersigned persons, on February 11, 1994, agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of the common stock of Texas Instruments Incorporated at December 31, 1993.

FMR Corp.

By /S/Arthur S. Loring
Arthur S. Loring
Vice President - Legal

Edward C. Johnson 3d

By /S/Arthur S. Loring
Arthur S. Loring
Under Power of Attorney
dated 5/17/89

On File with Schedule
13G for
Airborne Freight Corp.
9/10/91

Fidelity Management & Research
Company

By /S/Arthur S. Loring
Arthur S. Loring
Sr. V.P. and General
Counsel

Fidelity Magellan Fund

By /S/Arthur S. Loring
Arthur S. Loring
Secretary