

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 4)

ACTEL CORPORATION
(Name of Issuer)

COMMON STOCK, \$0.001 PAR VALUE
(Title of Class of Securities)

004934 10 5
(CUSIP Number)

Texas Instruments Incorporated
13500 North Central Expressway
Dallas, Texas 75265
Attention: Richard J. Agnich
(972) 995-4855
(Name, address and telephone number of person
authorized to receive notices and communications)

September 3, 1997
(Date of event which requires filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(b)(3) or (4), check the following box

CUSIP No. 004934 10 5

13D

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1 NAME OF REPORTING PERSON
S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Texas Instruments Incorporated

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

N/A

(a)
(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS
00

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM 2(d) or 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER
 NUMBER OF
 SHARES 1,376,578
 BENEFICIALLY
 OWNED BY
 EACH
 REPORTING
 PERSON
 WITH

8 SHARED VOTING POWER

 0

9 SOLE DISPOSITIVE POWER

 1,376,578

10 SHARED DISPOSITIVE POWER

 0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

 1,376,578

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11
 EXCLUDES CERTAIN SHARES

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11

 6.6%

14 TYPE OF REPORTING PERSON
 CO
=====

This Amendment No. 4 to Schedule 13D amends and supplements the Statement on Schedule 13D initially filed with the Securities and Exchange Commission (the "SEC") on or about November 7, 1995, as amended and restated by Amendment No. 1 filed with the SEC on April 8, 1997, and further amended by Amendment No. 2 filed with the SEC on April 10, 1997, and further amended by Amendment No. 3 filed with the SEC on August 28, 1997 (the "Schedule 13D"), by Texas Instruments Incorporated ("TI"). Unless otherwise indicated, capitalized terms used herein shall have the respective meanings given such terms in the Schedule 13D.

Item 5. Interest in Securities of Issuer.

- (a) TI beneficially owns 1,376,578 shares of the Issuer Common Stock (representing approximately 6.6% of the outstanding shares of such class of securities).
- (b) TI has the sole power to vote or to direct the vote and the sole power to dispose or to direct the disposition of 1,376,578 shares of Issuer Common Stock.
- (c) The following transactions in the Issuer Common Stock were effected by TI since the date of the event requiring the filing of the most recent amendment to the Schedule 13D:

Date	No. of Shares	Sale/Purchase	Price per Share
8/26/97	50,000	Sale	\$20.50
8/28/97	25,000	Sale	\$20.25
8/29/97	10,000	Sale	\$20.25
9/2/97	25,000	Sale	\$20.25
9/2/97	25,000	Sale	\$20.38
9/2/97	10,000	Sale	\$20.50
9/3/97	100,000	Sale	\$20.38

All of the above transactions were effected in brokers' transactions on the Nasdaq National Market pursuant to Rule 144 under the Securities Act of 1933, as amended. The price per share is the average price for the sale of such shares on the referenced date, excluding brokerage commissions.

- (d) N/A
- (e) N/A

Item 7. Material to be Filed as Exhibits.

None

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.

TEXAS INSTRUMENTS INCORPORATED

September 11, 1997

Date

By: /s/ William A. Aylesworth

Name: William A. Aylesworth
Title: Senior Vice President