

ANALOG DEVICES INC  
Form 11-K  
June 26, 2003

**Table of Contents**

---

---

**SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C. 20549

**Form 11-K**

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the fiscal year ended December 31, 2002

OR

TRANSITION REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934 (NO FEE REQUIRED)

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 1-7819

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN**

*(Full title of the plan and the address of the plan,  
if different from that of the issuer named below)*

**ANALOG DEVICES, INC.**

*(Name of issuer of the securities held pursuant to the plan  
and the address of its principal executive office)*

One Technology Way  
Norwood, Massachusetts 02062-9106

---

---

---

**TABLE OF CONTENTS**

THE INVESTMENT PARTNERSHIP PLAN

REPORT OF ERNST & YOUNG LLP, INDEPENDENT AUDITORS

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

NOTES TO FINANCIAL STATEMENTS

SUPPLEMENTAL SCHEDULE

SIGNATURES

EX-23.1 CONSENT OF ERNST & YOUNG LLP

EX-99.1 CERTIFICATION CHIEF EXECUTIVE OFFICER

EX-99.2 CERTIFICATION CHIEF FINANCIAL OFFICER

---

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN**

Financial Statements

Audited Statements of Net Assets Available for Benefits as of December 31, 2002 and 2001.

Audited Statements of Changes in Net Assets Available for Benefits for the Years Ended December 31, 2002 and 2001.

Supplemental Schedule

Schedule H-Line 4i Schedule of Assets (Held at End of Year)

Exhibits

Consent of Ernst & Young LLP, filed herewith.

Certifications Pursuant to 18 U.S.C. Section 1350

**Table of Contents**

**REPORT OF ERNST & YOUNG LLP, INDEPENDENT AUDITORS**

The Administration Committee and Participants  
Analog Devices, Inc.  
The Investment Partnership Plan

We have audited the accompanying statements of net assets available for benefits of Analog Devices, Inc. The Investment Partnership Plan as of December 31, 2002 and 2001, and the related statements of changes in net assets available for benefits for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan at December 31, 2002 and 2001, and changes in its net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2002, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in our audits of the financial statements and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a whole.

Boston, Massachusetts  
May 23, 2003

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS**

December 31, 2002 and 2001

2002

2001

See accompanying notes.

4

---

**Table of Contents**

**ANALOG DEVICES, INC.**  
**THE INVESTMENT PARTNERSHIP PLAN**  
**STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS**

Years ended December 31, 2002 and 2001

	<u>2002</u>	<u>2001</u>
Investment income (loss):		
Interest income	\$ 756,662	\$ 616,776
Change in net unrealized/realized depreciation	(151,692,973)	(68,287,918)
Dividend income and capital gains distributions	5,235,525	11,408,039
Net investment loss	(145,700,786)	(56,263,103)
Contributions:		
Employer	20,999,276	20,125,821
Employee	24,423,999	25,609,433
Total contributions	45,423,275	45,735,254
Participant withdrawals	(33,021,735)	(21,820,355)
Net (decrease) in net assets available for benefits	(133,299,246)	(32,348,204)
Net assets available for benefits at beginning of year	607,363,464	639,711,668
Net assets available for benefits at end of year	\$ 474,064,218	\$ 607,363,464

See accompanying notes.

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
NOTES TO FINANCIAL STATEMENTS**

Years ended December 31, 2002 and 2001

**A. Description of Plan**

The following description of the Analog Devices, Inc. (the Company ) The Investment Partnership Plan (the Plan ) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan s provisions.

1. *General.* The Plan is a contributory defined contribution plan sponsored and administered by the Company. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 ( ERISA ).
2. *Eligibility.* Domestic employees of the Company are eligible to participate in the Plan on the first pay-period of the month following 30 days of service. The Company contributions are effective on the first day of a calendar quarter following one year of service. For eligibility purposes, a year of service is a 12-month period during which an employee completes at least 1,000 hours of service.
3. *Contributions.* The Company makes an annual basic contribution to the Plan equal to 5% of each participant s total eligible compensation. The Internal Revenue Service defined total eligible compensation as an amount not to exceed \$200,000 for 2002 and \$170,000 in 2001. For 2003, this amount will remain at \$200,000. The Company also matches each participant s pre-tax contribution, if any, by contributing an amount not to exceed 3% (for all participants, except those eligible to participate in the Deferred Compensation Plan) of such participant s total eligible compensation. Effective January 1, 2002, a participant may voluntarily contribute to the Plan up to 50% of his or her pre-tax total eligible compensation, (12% in 2001); however, pre-tax contributions could not exceed \$11,000 in 2002 and \$10,500 in 2001. This amount will increase to \$12,000 for 2003.

Company contributions, participants pre-tax contributions and the net investment income related to all contributions are excluded from the participants income for federal income tax purposes until such amounts are withdrawn or distributed.

4. *Investment Options.* The investment options of the Plan are listed below.

- Income Fund
- Fidelity Equity Income Fund
- Fidelity Magellan Fund
- Fidelity Growth Company Fund
- Analog Devices, Inc. Common Stock Fund
- Fidelity U.S. Bond Index Fund
- Fidelity Growth & Income Portfolio
- Fidelity U.S. Equity Index Commingled Pool



**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
NOTES TO FINANCIAL STATEMENTS (Continued)**

Fidelity Low-Priced Stock Fund  
Templeton Foreign Fund I  
Fidelity Freedom Income Fund  
Fidelity Freedom 2000 Fund  
Fidelity Freedom 2010 Fund  
Fidelity Freedom 2020 Fund  
Fidelity Freedom 2030 Fund  
Fidelity Freedom 2040 Fund

Additionally, participants have the option to invest vested assets in Fidelity and non-Fidelity funds, which are not offered in the Plan, through a self-directed brokerage service that allows participants access to a wide variety of stocks, bonds, short-term securities and mutual funds.

5. *Vesting.* Employee contributions are immediately 100% vested and nonforfeitable at the time they are deducted from the participants compensation. Investment income on employee contributions vests as earned. Effective January 1, 2002, Company match contributions made thereon and investment earnings become vested after three years of service. Company contributions (both basic and pre-2002 match) and investment earnings thereon become fully vested upon the first to occur of (i) completion of five years of service with the Company, (ii) after reaching age 65 or (iii) upon death or permanent disability while employed by the Company.

6. *Benefits.* Upon normal retirement at age 65, death, permanent disability or termination of employment, the participant's vested benefits are paid to the participant or his or her beneficiary, at the election of the participant, either in a lump sum or in monthly installments over a period of up to ten years. A participant may elect to defer payment of his or her account until he or she attains age 70 1/2. However, if a participant's vested benefits are less than \$5,000 for 2002 and 2001, upon termination of employment, distribution will be made in the form of a lump-sum payment within one year following termination of employment. Participants may request an in-service withdrawal for any reason after he or she attains age 59 1/2.

7. *Loans.* Participants may borrow the lesser of 50% of their vested account balance or \$50,000, as defined by the Plan. Participants repay loans plus interest to their accounts through payroll deductions generally over a five-year period unless for the purchase of a primary residence, in which case the repayment period may be extended up to twenty years. The interest rate on loans, which is announced quarterly, is tied to the interest rate of Treasury Bonds with 3- and 10-year maturities. Once determined, the interest rate is fixed for the duration of the loan.

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
NOTES TO FINANCIAL STATEMENTS (Continued)**

8. *Accounting.* A separate account is maintained for each participant. Account balances are adjusted periodically for employee and matching employer contributions, withdrawals and a pro rata share of net investment income (loss). Forfeitures that arise when participants terminate employment with the Company prior to vesting are used to offset future Company contributions and administrative expenses of the Plan. If an employee who had terminated after December 31, 1984 returns to the employment of the Company within five years, any amount that had been forfeited will be reinstated by the Company.

All transactions of the Plan (including contributions, withdrawals and exchanges) have been accounted for and reported using units as well as dollars. Net investment income (loss) in each fund is allocated based on the proportion of units in each participant's account, except for the Self-Directed Brokerage Service, whereby earnings are recorded on a transaction specific basis.

9. *Investment allocation.* The vested and nonvested share of a participant's account balance is invested in one or more of the funds depending upon the allocation instructions of the participant. In the absence of such allocation instructions, all amounts accruing to the participant are invested in the Income Fund.

10. *Continuation of the Plan.* While the Company has not expressed any intent to terminate the Plan or suspend contributions, it is free to do so at any time. In the event of such termination or suspension, each participant would have a nonforfeitable right to all monies in his or her account.

**B. Summary of Significant Accounting Policies**

1. *Basis of presentation.* The accompanying financial statements have been prepared on an accrual basis of accounting.

2. *Investments.* Investments are valued at quoted market prices. Participant loans are valued at their outstanding carrying balance, which approximates fair value.

3. *Contributions.* Contributions from employees are recorded when the Company makes payroll deductions from plan participants. Employer contributions are accrued at the end of the period in which they become obligations of the Company based upon the terms of the Plan.

4. *Investment income (loss).* Net investment income (loss) consists of interest income, dividends and capital gain/loss distributions from the money market and mutual funds, realized gains or losses on sales of investments and the change in net unrealized appreciation (depreciation) between the cost and market value of investments at the beginning and end of the period.

All interest, dividends and capital gains distributions are reinvested in the respective funds and are recorded as earned on an accrual basis.

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
NOTES TO FINANCIAL STATEMENTS (Continued)**

Interest, dividends, capital gain/loss distributions and unrealized appreciation (depreciation) have been allocated to participants based upon the proportion that each participant's share in a fund bears to the total in that fund, except for the Self-Directed Brokerage Service, whereby investment income is recorded on a transaction specific basis (see Note A).

5. *Income tax status.* The Plan has received a determination letter from the Internal Revenue Service dated May 1, 2003, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the Code) and, therefore, the related trust is exempt from taxation. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan Committee believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, that the Plan is qualified and the related trust is tax exempt.

6. *Administrative expenses.* For the years ended December 31, 2002 and 2001, the Company elected to pay the administrative expenses of the Plan.

7. *Use of Estimates.* The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of changes in net assets available for benefits during the reporting period. Actual results could differ from those estimates.

**C. Trustee and Plan Recordkeeper**

Fidelity Management Trust Company and Fidelity Institutional Retirement Services Company serve as trustee and recordkeeper, respectively, to the Plan.

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
NOTES TO FINANCIAL STATEMENTS (Continued)**

**D. Investments**

The following investments represent 5 percent or more of the Plan's net assets.

	December 31,	
	2002	2001
Analog Devices, Inc. Common Stock	\$ 113,868,350	\$ 187,117,078
Fidelity Institutional Cash Portfolios-U.S. Government Portfolio	111,189,657	115,918,390
Fidelity Magellan Fund	42,801,356	58,630,924
Fidelity Institutional Cash Portfolios-Money Market Portfolio	29,205,469	30,914,174
Fidelity Equity Income Fund	28,432,001	36,573,775
Fidelity Growth Company Fund	25,721,692	41,020,331

The Plan's investments (including gains and losses on investments bought and sold, as well as held during the year) depreciated in value as follows:

	Year Ended December 31,	
	2002	2001
Common stock	\$ (91,633,752)	\$ (22,120,072)
Mutual funds	(60,059,221)	(46,167,846)
Investment depreciation	\$ (151,692,973)	\$ (68,287,918)

**Table of Contents**

**ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
SUPPLEMENTAL SCHEDULE  
DECEMBER 31, 2002**

**Table of Contents**

**ANALOG DEVICES, INC.**  
**THE INVESTMENT PARTNERSHIP PLAN**  
**EIN NO: 04-2348234 PLAN NO: 003**  
**SCHED. H-LN 4i SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

December 31, 2002

Description of Investment:	Shares	Current Value
Fidelity <sup>(1)</sup> Institutional Cash Portfolios - U.S. Government Portfolio	111,189,657	\$ 111,189,657
Fidelity <sup>(1)</sup> Institutional Cash Portfolios - Money Market Portfolio	29,205,469	29,205,469
Fidelity <sup>(1)</sup> Magellan Fund	542,064	42,801,356
Fidelity <sup>(1)</sup> Equity Income Fund	716,713	28,432,001
Fidelity <sup>(1)</sup> Growth Company Fund	726,191	25,721,692
Fidelity <sup>(1)</sup> U.S. Bond Index Portfolio	1,419,954	15,960,237
Fidelity <sup>(1)</sup> Low-Priced Stock Fund	629,693	15,849,366
Fidelity <sup>(1)</sup> Growth & Income Portfolio	310,140	9,400,336
Fidelity <sup>(1)</sup> U.S. Equity Index Commingled Pool	242,693	6,375,540
Fidelity <sup>(1)</sup> Freedom Income Fund	185,059	1,961,625
Fidelity <sup>(1)</sup> Freedom 2000 Fund	216,196	2,380,319
Fidelity <sup>(1)</sup> Freedom 2010 Fund	555,381	6,353,561
Fidelity <sup>(1)</sup> Freedom 2020 Fund	404,172	4,300,387
Fidelity <sup>(1)</sup> Freedom 2030 Fund	741,782	7,595,843
Fidelity <sup>(1)</sup> Freedom 2040 Fund	72,317	423,776
Templeton Foreign Fund I	780,562	6,486,466
Analog Devices, Inc. <sup>(1)</sup> Common Stock	4,770,354	113,868,350
Participants Self-Directed Brokerage Accounts		36,997,408
		<u>\$465,303,388</u>
Participant Loans Receivable <sup>(1)(2)</sup>		<u>\$ 8,677,811</u>

<sup>(1)</sup> Indicates party-in-interest to the Plan.

<sup>(2)</sup> The loan account at December 31, 2002 bears interest at rates ranging from 4.25% to 6.0% with terms ranging from 1 to 20 years.

**Table of Contents**

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed by the undersigned hereunto duly authorized.

ANALOG DEVICES, INC.  
THE INVESTMENT PARTNERSHIP PLAN  
(the Plan)

By: /s/ Joseph E. McDonough

---

Joseph E. McDonough  
Vice President-Finance and Chief Financial Officer of  
Analog Devices, Inc. and Member of The Investment  
Partnership Plan Administration Committee

June 26, 2003