

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 1)\*

AVID Technology

-----  
(Name of Issuer)

Common Stock

-----  
(Title of Class of Securities)

05367P100

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(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 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).

(Continued on following page(s))

(1) Names of Reporting Persons. S.S. or I.R.S. Identification Nos. of Above Persons

Montgomery Asset Management, L.P. IRS ID #94-3115321

(2) Check the Appropriate Box if a Member (a) / /  
of a Group\* (b) / /

(3) SEC Use Only

(4) Citizenship or Place of Organization  
California

Number of Shares Beneficially Owned by Each Reporting Person With	(5) Sole Voting Power	2,352,800 (as of 12/31/96)
	(6) Shared Voting Power	-0-
	(7) Sole Dispositive Power	2,352,800 (as of 12/31/96)
	(8) Shared Dispositive Power	-0-

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
2,352,800 (as of 12/31/96)

(10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares\*  
Not applicable

(11) Percent of Class Represented by Amount in Row (9)  
10.99 % (as of 12/31/96)

(12) Type of Reporting Person\*  
IA

\*SEE INSTRUCTION BEFORE FILLING OUT!

(1) Names of Reporting Persons. S.S. or I.R.S. Identification Nos. of Above Persons

Montgomery Growth Fund IRS ID #94-3187459

(2) Check the Appropriate Box if a Member (a) / /  
of a Group\* (b) / /

(3) SEC Use Only

(4) Citizenship or Place of Organization  
California

Number of Shares Beneficially Owned by Each Reporting Person With	(5) Sole Voting Power	2,000,000 (as of 12/31/96)
	(6) Shared Voting Power	-0-
	(7) Sole Dispositive Power	2,000,000 (as of 12/31/96)
	(8) Shared Dispositive Power	-0-

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
2,000,000 (as of 12/31/96)

(10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares\*  
Not applicable

(11) Percent of Class Represented by Amount in Row (9)  
9.34% (as of 12/31/96)

(12) Type of Reporting Person\*  
IA

\*SEE INSTRUCTION BEFORE FILLING OUT!

ITEM 1(A). NAME OF ISSUER  
AVID Technology

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ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES  
Metropolitan Tech Park, One Park West, Tewksbury, MA 01876

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ITEM 2(A). NAME OF PERSON(S) FILING  
Montgomery Asset Management, L.P.

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ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE  
101 California Street, San Francisco, CA 94111

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ITEM 2(C). CITIZENSHIP  
California Limited Partnership

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ITEM 2(D). TITLE OF CLASS OF SECURITIES  
Common Stock

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ITEM 2(E). CUSIP NUMBER  
05367P100

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ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B),  
CHECK WHETHER THE PERSON FILING IS A

- (a) / / Broker or Dealer registered under Section 15 of the Act
- (b) / / Bank as defined in section 3(a)(6) of the Act
- (c) / / Insurance Company as defined in section 3(a)(19) of the Act
- (d) / / Investment Company registered under section 8 of the Investment Company Act
- (e) /X/ Investment Adviser registered under section 203 of the Investment Advisers Act of 1940
- (f) / / Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Rule 13d-1(b)(1)(ii)(F)
- (g) / / Parent Holding Company, in accordance with Rule 13d-1(b)(ii)(G)  
(Note: See Item 7)
- (h) / / Group, in accordance with Rule 13d-1(b)(1)(ii)(H)

ITEM 4. OWNERSHIP

(a) Amount Beneficially Owned:  
2,352,800 (as of 12/31/96)

(b) Percent of Class:  
10.99% (as of 12/31/96)

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

(i) sole power to vote or to direct the vote  
2,352,800 (as of 12/31/96)

(ii) shared power to vote or to direct the vote  
-0-

(iii) sole power to dispose or to direct the disposition of  
2,352,800 (as of 12/31/96)

(iv) shared power to dispose or to direct the disposition of  
-0-

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. / /

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON  
Not applicable

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY  
Not applicable

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP  
Not applicable

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ITEM 9. NOTICE OF DISSOLUTION OF GROUP  
Not applicable

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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 purposes 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.

2/11/97

-----  
(Date)

/s/ Dana Schmidt

-----  
(Signature)

Dana Schmidt - Principal

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(Name/Title)

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP  
Not applicable

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ITEM 9. NOTICE OF DISSOLUTION OF GROUP  
Not applicable

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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 purposes 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.

2/11/97

-----  
(Date)

/s/ M.J. Fross

-----  
(Signature)

Mary Jane Fross, Treasurer

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(Name/Title)

JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(f)(1)

This agreement is made pursuant to Rule 13d-1(f)(1) under the Securities Exchange Act of 1934 (the "Act") by and among the parties listed below, each referred to herein as a "joint Filer." The Joint Filers agree that a statement of beneficial ownership as required by Section 13(d) of the Act and the Rules hereunder may be filed on each of their behalf on Schedule 13D or Schedule 13G, as appropriate, and that said joint filing any thereafter be amended by further joint filings. The Joint Filers state that they each satisfy the requirements for making a joint filing under Rule 13d-1.

Dated: February 11, 1997

MONTGOMERY GROWTH FUND  
a series of The Montgomery

MONTGOMERY ASSET MANAGEMENT, L.P.

By Montgomery Asset Management, Inc.  
its general partner

By: /s/ M.J. Fross  
-----  
Mary Jane Fross, Treasurer

By: /s/ Dana E. Schmidt  
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Dana E. Schmidt - Principal