
(3) Sec Use Only

(4) Citizenship or Place of Organization

United States

Number of Shares Beneficially Owned by Each Reporting Person With: (5) Sole Voting Power

1,082,311

(6) Shared Voting Power

0

(7) Sole Dispositive Power

1,082,311

(8) Shared Dispositive Power

0

(9) Aggregate Amount Beneficially Owned by Each Reporting Person

1,082,311

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) //

(11) Percent of Class Represented by Amount in Row (9)

4.0%

(12) Type of Reporting Person (See Instructions)

IN

CUSIP No. 989 207 10 5

Page 3 of 7 Pages

(1) Names of Reporting Persons.
I.R.S. Identification Nos. of above persons (entities only).

Carol K. Kaplan

(2) Check the Appropriate Box if a Member of a Group (See Instructions) (a) // (b) /x/

(3) Sec Use Only

(4) Citizenship or Place of Organization

United States

Number of Shares Beneficially Owned by Each Reporting Person With: (5) Sole Voting Power

268,388

(6) Shared Voting Power

0

(7) Sole Dispositive Power

268,388

(8) Shared Dispositive Power

0

(9) Aggregate Amount Beneficially Owned by Each Reporting Person

268,388

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) //

(11) Percent of Class Represented by Amount in Row (9)

1.0%

(12) Type of Reporting Person (See Instructions)

IN

ITEM 1.

(a) Name of Issuer

Zebra Technologies Corporation

(b) Address of Issuer's Principal Executive Offices

333 Corporate Woods Parkway
Vernon Hills, Illinois 60061

ITEM 2.

- (a) Name of Person Filing

Edward L. Kaplan and Carol K. Kaplan

- (b) Address of Principal Business Office

333 Corporate Woods Parkway
Vernon Hills, Illinois 60061

- (c) Citizenship

Edward L. Kaplan and Carol K. Kaplan, United States

- (d) Title of Class of Securities

Class A Common Stock, par value \$0.01 per share

- (e) CUSIP Number

989 207 10 5

ITEM 3. TYPE OF PERSON:

Not Applicable

Page 4 of 7 pages

ITEM 4. OWNERSHIP:

- (a) Amount beneficially owned:

1,350,699(1)(2)

- (b) Percent of class:

4.9%

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

- (i) Sole power to vote or to direct the vote:

1,350,699(2)

- (ii) Shared power to vote or to direct the vote:

0

- (iii) Sole power to dispose or to direct the disposition of:

1,350,699(2)

(iv) Shared power to dispose or to direct the disposition of:

0

(1)

Includes (i) 1,078,472 shares which Mr. Kaplan has the right to acquire pursuant to the conversion of shares of Class B Common Stock of the issuer and (ii) 268,388 shares which Mrs. Kaplan has the right to acquire pursuant to the conversion of shares of Class B Common Stock of the issuer.

(2)

Each person named in footnote 1 above has sole and exclusive power to vote or dispose of the shares attributed to such person. This Schedule 13G is filed on behalf of the persons named in Item 2(a) hereof because such persons could be deemed to be a group. Notwithstanding any such characterization, each such person disclaims beneficial ownership of the securities owned by all other persons named in this Schedule 13G.

Page 5 of 7 pages

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. /x/

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 OR CONTROL PERSON:

Not Applicable

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not Applicable

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

Not Applicable

ITEM 10. CERTIFICATION:

Not Applicable

Page 6 of 7 pages

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 8, 2002

Date

/s/ EDWARD KAPLAN

Signature

Edward L. Kaplan

Name/Title

February 8, 2002

Date

/s/ CAROL K. KAPLAN

Signature

Carol K. Kaplan

Name/Title

Page 7 of 7 pages

QuickLinks

SIGNATURE