#### MICRON TECHNOLOGY INC

Form 4

September 14, 2010

### FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

**OMB APPROVAL** 

OMB 3235-0287 Number:

January 31, Expires: 2005

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if no longer subject to Section 16. Form 4 or

Check this box

**SECURITIES** Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Shields Brian			2. Issuer Name and Ticker or Trading Symbol MICRON TECHNOLOGY INC [MU]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) 8000 S FEDER	(First)	(Middle) MS 1-557	3. Date of Earliest Transaction (Month/Day/Year) 09/11/2010	Director 10% OwnerX Officer (give title Other (specify below)  VP World Wide Wafer Fab		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
BOISE, ID 83707				Form filed by More than One Reporting Person		

(City)	(State) (	Zip) Table	e I - Non-D	erivative	Secur	ities Acc	quired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	09/11/2010		M	250	A	\$ 0 (1)	250	I	Held by Spouse (3)
Common Stock	09/11/2010		F	102	D	\$ 6.51 (2)	444	I	Held by Spouse (3)
Common Stock							319,546	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Restricted Stock Unit	\$ 0 (1)	09/11/2010		M		250	09/11/2010	09/11/2010	Common Stock
Non-Qualified Stock Option	\$ 10.13	01/18/2010		J	15,000		01/18/2011(4)	01/18/2016	Common Stock

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Shields Brian 8000 S FEDERAL WAY MS 1-557

VP World Wide Wafer Fab

### **Signatures**

**BOISE, ID 83707** 

Katie Reid,

Attorney-in-fact 09/11/2010

\*\*Signature of Reporting Person Date

### **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Not Applicable grant of restricted stock units
- (2) Withholding of shares of common stock to satisfy tax withholding obligations in connection with the vesting of restricted stock awarded under the Issuer's 2004 Equity Incentive Plan.
- (3) Indirect holdings by spouse as a result of marriage effective May 9, 2008.
- (4) Stock Options vest in 25% increments annually on anniversary date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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