

MICROCHIP TECHNOLOGY INC  
 Form 4  
 November 06, 2006

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**PARNELL GORDON W**

2. Issuer Name and Ticker or Trading Symbol  
**MICROCHIP TECHNOLOGY INC [MCHP]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
**05/08/2006**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**VP and CFO**

**C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD**

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**CHANDLER, AZ 85224-6199**

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)				Price
Common stock	05/08/2006		G		1,350	D	\$ 37.57	8,989	I	Held Indirectly, by Trust
Common Stock	08/04/2006		G		1,200	D	\$ 32	7,789	I	Held Indirectly, by Trust
Common Stock	11/01/2006		M		5,176	A	\$ 15.917	12,965	I	Held Indirectly, by Trust

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Common Stock	11/01/2006		M	8,149	A	\$ 15.917	21,114	I	Held Indirectly, by Trust
Common Stock	11/01/2006		M	6,675	A	\$ 10.037	27,789	I	Held Indirectly, by Trust
Common Stock	11/01/2006		S	20,000	D	\$ 32.7015	7,789	I	Held Indirectly, by Trust

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

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(9-02)

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Stock Option (Right to Buy)	\$ 15.917	11/01/2006		M	5,176	03/31/2005 04/02/2011	Common Stock	5,176	
Common Stock Option (Right to Buy)	\$ 15.917	11/01/2006		M	8,149	07/02/2002 04/02/2011	Common Stock	8,149	
Common Stock Option (Right to Buy)	\$ 10.037	11/01/2006		M	6,675	04/01/2003 04/14/2009	Common Stock	6,675	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PARNELL GORDON W C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199			VP and CFO	

## Signatures

Deborah L. Wussler, as Attorney-in-Fact	11/01/2006
<small>**Signature of Reporting Person</small>	<small>Date</small>

## 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).

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

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