Kuntz Richard Form 4 August 03, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(City)

(State)

(Zin)

(Print or Type Responses)

Name and Addr Kuntz Richard	ess of Reporting	ng Person *	2. Issuer Name and Ticker or Trading Symbol MEDTRONIC INC [MDT]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
710 MEDTRONIC PKWY MS LC310			(Month/Day/Year) 07/31/2010	Director 10% Owner Officer (give title Other (specify below) SrVP & Chief Scien, Clin, Reg		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
MINNEAPOL	IS, MN 554	32	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	f, or Beneficiall	ly Owned	
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		*	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect	
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and (A) or	5)	Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
Common Stock	07/31/2010		Code V F	Amount 446	(D)	Price \$ 36.97	89,921.484	D		
Common Stock (1)	08/02/2010		A(2)	8,900	A	\$0	98,821.484	D		

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

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SEC 1474

(9-02)

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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (right to buy)	\$ 37.53	08/02/2010		A	35,492	08/02/2011 <u>(3)</u>	08/02/2020	Common Stock	35,4

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Kuntz Richard			SrVP &				
710 MEDTRONIC PKWY MS LC310			Chief Scien,				
MINNEAPOLIS, MN 55432			Clin, Reg				

Signatures

Rhonda L. Ingalsbe, Attorney-in-fact

08/03/2010

**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) This balance has increased by 1705.497 due to exempt transactons such as dividend reinvestment and dividend equivalent credits.
- The restrictions on these restricted stock units shall lapse on the third anniversary of the grant date if the company's cumulative diluted (2) earnings per share growth during the 36 month period ending on the last day of the Company's fiscal year 2013 equals or exceeds a 5% compound annual growth rate, as determined by the Compensation Committee.
- $\textbf{(3)} \quad \text{These options become exercisable at the rate of } 25\% \text{ of the shares granted per year beginning on the first anniversary of grant.}$

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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