AtriCure, Inc. Form 4 April 01, 2015 FORM 4 Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).											
(Print or Type	Kesponses)										
1. Name and A Hooven Mi	Address of Reporting Person * chael D	2. Issuer I Symbol AtriCure,		1 Ticker or	Tradi	ng	5. Relationship of Issuer				
(Last)	(First) (Middle)	3. Date of I	_	_			(Chec	k all applicab	le)		
7778 BENI		(Month/Day/Year) 03/30/2015					X_ Director10% Owner Officer (give titleOther (specify below)Other (specify				
CINCINNA	4. If Amend Filed(Month		-	1		 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person 					
(City)	(State) (Zip)	Table	I - Non-I	Derivative	Secur	ities Acq	uired, Disposed of	, or Beneficia	ally Owned		
1.Title of Security (Instr. 3)	any	on Date, if 7 C Day/Year) (Code Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	l of (D)	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)		
Common Stock							70,549	D			
Common Stock							1,321	I	Held by son (1)		
Common Stock	03/30/2015		S	42,500 (2)	D	\$ 21.01 (3)	262,845	I	Michael D. Hooven 2004 Trust FBO Michael <u>(4)</u>		
Common Stock	03/30/2015		S	42,500 (2)	D	\$ 21.01 (3)	262,845	Ι	Michael D. Hooven 2004 Trust		

								FBO Susan
Common Stock	03/31/2015	S	10,000 (2)	D	\$ 20.51 (6)	252,845	I	Michael D. Hooven 2004 Trust FBO Michael (4)
Common Stock	03/31/2015	S	10,000 (2)	D	\$ 20.51 (6)	252,845	I	Michael D. Hooven 2004 Trust FBO Susan
Common Stock	04/01/2015	S	18,634 (2)	D	\$ 20.5 (7)	234,211	I	Michael D. Hooven 2004 Trust FBO Michael <u>(4)</u>
Common Stock	04/01/2015	S	18,634 (2)	D	\$ 20.5 (7)	234,211	I	Michael D. Hooven 2004 Trust FBO Susan
Common Stock						18,421	I	Susan Spies 2004 Children's Trust <u>(8)</u>

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of	2.	3. Transaction Date	3A Deemed	4.	5.	6. Date Exerc	risable and	7. Title	and	8. Price of	9. Nu
Derivative	2. Conversion	(Month/Day/Year)		Transactio		Expiration Da		Amoun		Derivative	Deriv
Security	or Exercise	· · · ·	any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securiti	ies	(Instr. 5)	Bene
	Derivative				Securities	5		(Instr. 3	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
				Code V	(A) (D)	Date	Expiration	Title A	Amount		
					() (-)	Exercisable	Date		or		
									Number		

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Hooven Michael D 7778 BENNINGTON DRIVE CINCINNATI, OH 45241

Signatures

/s/ Jeanette Yacucci as Attorney-in-Fact for Michael D. Hooven

X

**Signature of Reporting Person

04/01/2015

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) The Reporting Person disclaims beneficial ownership of these securities.
- (2) These shares were sold pursuant to a 10b5-1 trading plan.

This transaction was executed in multiple trades at prices ranging from \$21.00 to \$21.31 per share. The price reported above reflects the(3) weighted average price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

- (4) Held by Michael D. Hooven 2004 Trust FBO Michael. Mr. Hooven disclaims beneficial ownership of these securities, except as to his pecuniary interest therein.
- (5) Held by Michael D. Hooven 2004 Trust FBO Susan. Mr. Hooven disclaims beneficial ownership of these securities, except as to his pecuniary interest therein.

This transaction was executed in multiple trades at prices ranging from \$20.50 to \$20.60 per share. The price reported above reflects the weighted average price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

This transaction was executed in multiple trades at prices ranging from \$20.50 to \$20.51 per share. The price reported above reflects the
(7) weighted average price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

(8) Held by Susan Spies 2004 Children's Trust. These shares are held in trust for the benefit of the Reporting Person's son. Reporting Person is the trustee of that trust. Mr. Hooven disclaims beneficial ownership of these securities, except as to his pecuniary interest therein.

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.