AtriCure, Ind	с.											
Form 4	0.016											
December 29										PPROVAL		
FORM	14 UNITE	D STATE:		RITIES A shington,			NGE C	COMMISSION		3235-0287		
Check th if no long	10r								Expires:	January 31,		
subject to Section 1	OF CHAN	F CHANGES IN BENEFICIAL OWNERSHIP SECURITIES				NERSHIP OF	Estimated a burden hou					
Form 4 o							response	0.5				
Form 5 obligation	n						•	e Act of 1934,				
may cont	inue.) of the In	•	•	· ·	•	1935 or Section	11			
<i>See</i> Instru 1(b).	uction	00(11)) 01 010 11		comput							
(Print or Type I	Responses)											
Wade M. Andrew Symb			2. Issuer Symbol	Isquar					o of Reporting Person(s) to			
			•	AtriCure, Inc. [ATRC]				(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of	f Earliest Tr	ansaction			(Cnec	к ап аррпсавіе	;)		
				(Month/Day/Year)			Director X Officer (give		Owner er (specify			
			12/2//2	12/27/2016				below) below)				
			4 10 4	4. If Amendment, Date Original Filed(Month/Day/Year)			SVP and CFO					
							6. Individual or Joint/Group Filing(Check Applicable Line)					
MASON, OH 45040				_X_ Form filed by O Form filed by M				One Reporting Person Iore than One Reporting				
(City)	(State)	(Zip)						Person				
	× ,	-					_	uired, Disposed of		-		
1.Title of Security (Instr. 3)2. Transaction Date (Month/Day/Year)2A. Deemed Execution Date, if any (Month/Day/Year)			on Date, if	3.4. Securities AcquiredTransaction(A) or Disposed of (D)Code(Instr. 3, 4 and 5)(Instr. 8)			Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial			
				Code V		(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(
Common Stock	12/27/2016			F	1,199 (1)	D	\$ 19.41	141,479	D			

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)

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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. Transacti Code (Instr. 8)	5. ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owna Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Addre	SS	Relationships							
	Director	10% Owner	Officer	Other					
Wade M. Andrew 7555 INNOVATION WAY MASON, OH 45040			SVP and CFO						
Signatures									
/s/ M. Andrew Wade	12/29/2016								
<u>**</u> Signature of	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 has elected to transfer these shares to the Company to satisfy the tax withholding obligation incurred upon the vesting and release of shares previously acquired pursuant to a Restricted Stock Award.

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.

Reporting Person