

# FORM 4

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

OMB APPROVAL  
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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 or  
Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person *</b>  <b>NICHOLS ROY J</b> (Last) (First) (Middle)  <b>901 EXPLORER BLVD.</b> (Street)  <b>HUNTSVILLE, AL 35806</b> (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>ADTRAN INC [ ADTN ]</b>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable)  <input checked="" type="checkbox"/> Director _____ 10% Owner <input type="checkbox"/> Officer (give title below) _____ Other (specify below)
<b>3. Date of Earliest Transaction (MM/DD/YYYY)</b>  <p align="center"><b>12/29/2006</b></p>		<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
<b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		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								13000	I	by Spouse
Common Stock								11663	I	by Trust

**Table II - Derivative Securities 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. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$22.7	12/29/2006		A		5000		12/29/2007	12/29/2016	Common Stock	5000	\$0	5000	D	
Non-Qualified Stock Option (right to buy)	\$8.7							8/30/2003 <a href="#">(1)</a>	8/30/2012	Common Stock	10000		10000	D	
Non-Qualified Stock Option (right to buy)	\$9.16							12/31/1999	12/31/2008	Common Stock	4000		4000	D	
Non-Qualified Stock Option (right to buy)	\$10.63							12/29/2001	12/29/2010	Common Stock	10000		10000	D	
Non-Qualified Stock Option (right to buy)	\$13.75							12/31/1998	12/31/2007	Common Stock	4000		4000	D	
Non-Qualified Stock Option (right to buy)	\$16.45							12/31/2003 <a href="#">(1)</a>	12/31/2012	Common Stock	10000		10000	D	
Non-Qualified Stock Option (right to buy)	\$19.2							12/31/2005 <a href="#">(1)</a>	12/31/2014	Common Stock	5000		5000	D	
Non-Qualified Stock Option (right to buy)	\$29.71							12/31/2006	12/31/2015	Common Stock	5000		5000	D	
Non-Qualified Stock Option (right to buy)	\$31.1							12/31/2004	12/31/2013	Common Stock	5000		5000	D	

**Explanation of Responses:**

(1) Option is 100% vested on first anniversary date of grant.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

<b>NICHOLS ROY J</b> <b>901 EXPLORER BLVD.</b> <b>HUNTSVILLE, AL 35806</b>	X			
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**Signatures**

**By: Cathy Bartels For: Roy J. Nichols**

**1/3/2007**

\*\*Signature of Reporting Person

Date

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

\* 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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