

# FORM 4

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

OMB APPROVAL  
OMB Number: 3235-0287  
Estimated average burden  
hours per response... 0.5

[ ] 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><br><br><b>NICHOLS ROY J</b><br>(Last) (First) (Middle)<br><br><b>901 EXPLORER BLVD.</b><br>(Street)<br><br><b>HUNTSVILLE, AL 35806</b><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br><br><b>ADTRAN INC [ ADTN ]</b> | <b>5. Relationship of Reporting Person(s) to Issuer</b><br>(Check all applicable)<br><br><input checked="" type="checkbox"/> Director _____ 10% Owner<br>_____ Officer (give title below) _____ Other (specify below)     |
| <b>3. Date of Earliest Transaction (MM/DD/YYYY)</b><br><br><p align="center"><b>12/31/2018</b></p>   |  | <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b><br><br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><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                    | 12/31/2018     |                                   | M                         |   | 110.947   | A          | (1)     | 38671.947   | D  |   |
| Common Stock (1)                | 12/31/2018     |                                   | D                         |   | .947  | D          | \$10.74 | 38671   | D  |   |
| Common Stock                    | 12/31/2018     |                                   | A                         |   | 8318  | A          | \$0     | 46989   | D  |   |
| Common Stock                    |                |                                   |                           |   |   |            |         | 23328   | I  | by Trust  |
| Common Stock                    |                |                                   |                           |   |   |            |         | 5421  | I  | by Spouse   |
| Common Stock                    |                |                                   |                           |   |   |            |         | 6   | I  | by Spouse as UTMA custodian for granddaughter         |
| Common Stock                    |                |                                   |                           |   |   |            |         | 6   | I  | by Spouse as UTMA custodian for grandson              |

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivate 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 |  |  |  |  |
| Dividend Equivalent Rights               | (1)  | 12/31/2018     |                                   | M                         |   | 110.947  |     | (1)                                     | (1)             | Common Stock  | 110.947                    | \$0  | 0  | D  |  |

**Explanation of Responses:**

(1) Settlement of dividend equivalent rights in connection with lapse of restriction on restricted stock. The rights accrued when and as dividends were paid on the Company's common stock and are paid in whole shares of common stock with the remainder paid in cash. Each dividend equivalent right is the economic equivalent of one share of the Company's common stock.

**Reporting Owners**

| Reporting Owner Name / Address                              | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| NICHOLS ROY J<br>901 EXPLORER BLVD.<br>HUNTSVILLE, AL 35806 | X             |           |         |       |

**Signatures**

/s/ Roger Shannon, by Power of Attorney

1/3/2019

<sup>\*\*</sup>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.

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.