

GT Advanced Technologies Inc.

Form 4

September 10, 2013

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
Number: 3235-0287  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Keck David W

(Last) (First) (Middle)

GT ADVANCED TECHNOLOGIES  
INC., 243 DANIEL WEBSTER  
HIGHWAY

(Street)

MERRIMACK, NH 03054

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading  
Symbol  
GT Advanced Technologies Inc.  
[GTAT]

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/06/2013

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)  
Exec.VP, Worldwide Sales/Svcs.

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 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, par value \$.01	09/06/2013		M		6,651	A \$ 0	149,165 D
Common Stock, par value \$.01	09/06/2013		F		2,888 (1)	D \$ 6.8	146,227 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  
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SEC 1474  
(9-02)

**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 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. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Restricted Stock Unit	(2)	09/06/2013		M	6,651	(3) (3)	Common Stock, par value \$.01	6,651 \$

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Keck David W GT ADVANCED TECHNOLOGIES INC. 243 DANIEL WEBSTER HIGHWAY MERRIMACK, NH 03054	Exec.VP, Worldwide Sales/Svcs.

## Signatures

/s/Allison G. Pellegrino, under power of attorney 09/10/2013

\*\*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) These shares were withheld to satisfy the reporting person's tax withholding obligations upon the vesting of restricted stock units on September 6, 2013.
- (2) Each restricted stock unit represents the right to receive one share of common stock of GT Advanced Technologies Inc.
- (3) The restricted stock units vested one-fourth on June 6, 2013, and the balance vests in equal quarterly installments over the following three years. Shares of common stock are delivered to the reporting person on vesting.

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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