Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL

OWNERSHIP OF SECURITIES

Cole Matthew Form 5 January 12, 2018

Check this box if

no longer subject

to Section 16.

5 obligations

Form 4 or Form

FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0362 Number: January 31,

Expires: 2005

1.0

Estimated average burden hours per

response...

may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b).

Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Cole Matthew Symbol LITTELFUSE INC /DE [LFUS] (Check all applicable) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle) (Month/Day/Year) Director 10% Owner Other (specify X _ Officer (give title 12/30/2017 below) below) 8755 W. HIGGINS ROAD, SUITE SVP & GM - Industrial 500 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

CHICAGO, ILÂ 60631

(City)

(State)

(Zip)

X Form Filed by One Reporting Person Form Filed by More than One Reporting

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

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial any (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) Amount (D) Price Common Â Â 06/09/2017 G 150 D \$0 3.835 D Stock

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

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SEC 2270 (9-02)

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amoun	t of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e	Securiti	curities (Instr. 5)		
	Derivative				Securities			(Instr. 3	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
								A	Amount	
								C	or	
						Date	Expiration		Number	
						Exercisable	Date	0		
					(A) (D)				Shares	
					(/ (- /					

of D

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Reporting Owners

Reporting Owner Name / Address	Relationships						
Fg	Director	10% Owner	Officer	Other			
Cole Matthew 8755 W. HIGGINS ROAD SUITE 500 CHICAGO, IL 60631	Â	Â	SVP & GM - Industrial	Â			

Signatures

Hans Weinburger, by power of attorney 01/12/2018

**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).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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