

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20579

FORM 8-K  
CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported) – May 3, 2018

DELAWARE (State of other jurisdiction of incorporation)	LITTELFUSE, INC. (Exact name of registrant as specified in its charter) 0-20388 (Commission File Number)	36-3795742 (IRS Employer Identification No.)
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8755 W. Higgins Road, Suite 500, Chicago, IL 60631  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (773) 628-1000

CHECK THE APPROPRIATE BOX BELOW IF THE FORM 8-K FILING IS INTENDED TO SIMULTANEOUSLY SATISFY THE FILING OBLIGATION OF THE REGISTRANT UNDER ANY OF THE FOLLOWING PROVISIONS:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

INDICATE BY CHECK MARK WHETHER THE REGISTRANT IS AN EMERGING GROWTH COMPANY AS DEFINED IN RULE 405 OF THE SECURITIES ACT OF 1933 (17 CFR §230.405) OR RULE 12b-2 OF THE SECURITIES EXCHANGE ACT OF 1934 (17 CFR §240.12b-2).

Emerging growth company

IF AN EMERGING GROWTH COMPANY, INDICATE BY CHECK MARK IF THE REGISTRANT HAS ELECTED NOT TO USE THE EXTENDED TRANSITION PERIOD FOR COMPLYING WITH ANY NEW OR REVISED FINANCIAL ACCOUNTING STANDARDS PROVIDED PURSUANT TO SECTION 13(a) OF THE EXCHANGE ACT.

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**Item 8.01 Other Items.**

The information contained in this Item 8.01, including Exhibit 99.1, shall not be deemed “filed” with the Securities and Exchange Commission nor incorporated by reference into any filing by Littelfuse, Inc. under the Securities Act or the Securities Exchange Act of 1934, as amended.

Littelfuse, Inc. provides the Supplemental GAAP to Non-GAAP Reconciliation attached as Exhibit 99.1 to this Form 8-K.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description of Exhibits</u>
99.1	<a href="#">Supplemental GAAP to Non-GAAP Reconciliation, dated May 3, 2018.</a>

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

**LITTELFUSE, INC.**

Date: May 3, 2018

By: /s/ Meenal A. Sethna  
Meenal A. Sethna  
Executive Vice President and  
Chief Financial Officer

EXHIBIT INDEX

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**LITTELFUSE, INC.**  
**Condensed Consolidated Statement of Comprehensive Income**  
**Supplemental GAAP to Non-GAAP Reconciliation**  
(In thousands of USD, except per share data, unaudited)

	<u>GAAP As Reported</u> March 31, 2018	<u>Non-GAAP Adjustments</u> March 31, 2018	<u>Non-GAAP</u> March 31, 2018
Net sales	\$ 417,813		\$ 417,813
Cost of sales	268,190	(18,878) (a)	249,312
Gross profit	149,623	18,878	168,501
Selling, general and administrative expenses	77,514	(16,504) (b)	61,010
Research and development expenses	22,540	(1,607) (c)	20,933
Amortization of intangibles	11,998	(2,504) (d)	9,494
	<u>112,052</u>	<u>(20,615)</u>	<u>91,437</u>
Operating income	37,571	39,493	77,064
Interest expense	5,423		5,423
Foreign exchange gain	(10,555)	10,555	-
Other income, net	(1,943)		(1,943)
Income before income taxes	44,646	28,939	73,584
Income taxes	8,617	5,805	14,422
Net income	<u>\$ 36,029</u>	<u>\$ 23,133</u>	<u>\$ 59,162</u>
Net income per share:			
Basic	<u>\$ 1.48</u>	<u>\$ 0.95</u>	<u>\$ 2.43</u>
Diluted	<u>\$ 1.45</u>	<u>\$ 0.94</u>	<u>\$ 2.39</u>
Weighted average shares outstanding:			
Basic	<u>24,339</u>		<u>24,339</u>
Diluted	<u>24,775</u>		<u>24,775</u>
Comprehensive income	\$ 35,750		\$ 58,883

(a) Cost of sales included \$17.9 million for purchase accounting inventory adjustments, \$0.5 million for acquisition related stock-based compensation charges and \$0.5 million of restructuring charges

(b) Selling, general and administrative included \$11.7 million for acquisition related and integration costs, \$2.4 million for acquisition related stock-based compensation charges, \$2.1 million for IXYS change in control and \$0.3 million of restructuring charges

(c) Research and development expenses included \$1.6 million for acquisition related stock-based compensation charges

(d) Amortization of intangibles included \$2.5 million of IXYS backlog amortization

The Company believes that certain non-GAAP measures, when presented in conjunction with comparable GAAP measures, are useful because that information is an appropriate measure for evaluating the Company's operating performance. Internally, the Company uses this non-GAAP information as an indicator of business performance, and evaluates management's effectiveness with specific reference to this indicator. These measures should be considered in addition to, not a substitute for, or superior to, measures of financial performance prepared in accordance with GAAP.