

INFORMATION TO BE INCLUDED IN THE REPORT

Item 2.02 Results of Operations and Financial Condition.

On January 25, 2018, Microsemi Corporation issued a press release reporting its first quarter results, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1 Press release dated January 25, 2018, reporting first quarter results

SIGNATURES

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 hereunto duly authorized.

MICROSEMI CORPORATION
(Registrant)

January 25, 2018 By: /s/ John W. Hohener
John W. Hohener
Executive Vice President,
Chief Financial Officer, and
Treasurer

EXHIBIT INDEX

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