



**Item 9.01. Financial Statements and Exhibits.**

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated July 24, 2008.

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**SIGNATURE**

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

**Microsemi Corporation**

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(Registrant)

**/s/ JOHN W. HOHENER**

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**July 24, 2008**

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(Date)

John W. Hohener

*Vice President, Chief Financial Officer, Treasurer and Secretary*

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**EXHIBIT INDEX**

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