



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

August 19, 2011

Via Facsimile

Mr. Martin S. McDermut
Chief Financial Officer
Vitesse Semiconductor Corporation
741 Calle Plano
Camarillo, California 93012

Re: Vitesse Semiconductor Corporation
Form 10-K for the Fiscal Year Ended September 30, 2010
Filed December 1, 2010
File No. 000-19654

Dear Mr. McDermut:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Kevin L. Vaughn

Kevin L. Vaughn
Accounting Branch Chief