



DIVISION OF
CORPORATION FINANCE

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

October 25, 2010

Mr. Michael Tate
Chief Financial Officer
Netlogic Microsystems, Inc.
1875 Charleston Road
Mountain View, California 94043

**Re: Netlogic Microsystems, Inc.
Form 10-K for the Fiscal Year Ended December 31, 2009
Filed February 26, 2010
Form 10-K/A for the Fiscal Year Ended December 31, 2009
Filed March 24, 2010
File No. 000-50838**

Dear Mr. Tate:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Jeff Jaramillo
Accounting Branch Chief