



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3030

October 1, 2009

VIA U.S. MAIL

Ronald S. Jankov
President and Chief Executive Officer
NetLogic Microsystems, Inc.
1875 Charleston Road
Mountain View, CA 94043

Re: NetLogic Microsystems, Inc.
Form 10-K for the year ended December 31, 2008
Filed March 4, 2009
File No. 000-50838

Dear Mr. Jankov:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Jeff Jaramillo
Accounting Branch Chief