

May 27, 2008

Mail Stop 6010

Ronald Jankov  
President and Chief Executive 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, 2007  
Filed March 14, 2008  
File No. 0-50838**

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,

Tim Buchmiller  
Senior Attorney