



DIVISION OF  
CORPORATION FINANCE  
Mail Stop 3030

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

June 10, 2010

Thomas J. Seifert  
Chief Financial Officer  
Advanced Micro Devices, Inc.  
One AMD Place  
Sunnyvale, California 94088

**Re: Advanced Micro Devices, Inc.**  
**Form 10-K for the fiscal year ended December 26, 2009**  
**Filed February 19, 2010**  
**File No. 001-07882**

Dear Mr. Seifert:

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

Sincerely,

Brian Cascio  
Accounting Branch Chief