



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3030

September 15, 2009

Via U S Mail and FAX [(408) 716-2487]

Mr. Brian R. McDonald
Chief Financial Officer, Vice President of Worldwide Finance and Secretary
Advanced Analogic Technologies Incorporated
3230 Scott Boulevard
Santa Clara, California 95054

**Re: Advanced Analogic Technologies Incorporated
 Form 8-K for Item 4.02
 Filed September 15, 2009
 File No. 000-27419**

Dear Mr. McDonald:

We have reviewed your filing and have the following comment. Where indicated, we think you should revise your document in response to the comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. After reviewing this information, we may raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comment or any other aspect of our review. Feel free to call the applicable staff person at the telephone number listed at the end of this letter.

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Form 8-K Filed September 9, 2009

1. We note that you intend to restate your financial statements for the fiscal years 2006, 2007 and 2008, and for the first and second quarters of 2009. However you have not indicated how or when you intend to file these restated financial statements. Also, you have not indicated how you will address the need to restate the quarters of the fiscal years 2006, 2007 and 2008. Please tell us how and when you intend to file restated financial statements. We may have further comment after you file the restated financial statements.

Please file your response and amendment via EDGAR in response to the comment within 5 business days after the date of this letter. Please contact the staff immediately if you require longer than 5 business days to respond.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing reviewed by the staff to be certain that they have provided all information investors require for an informed decision. Since the registrant and its management are in possession of all facts relating to a registrant's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comments, please provide, in writing, a statement from the registrant acknowledging that:

- the registrant is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the registrant 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.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

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If you have any questions, please call me at (202) 551-3606. In my absence, you may call Brian Cascio, Branch Chief at (202) 551-3676.

Sincerely,

Jeanne Bennett
Staff Accountant