



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-3030

Mail Stop 3030

April 16, 2010

Mr. Raouf Y. Halim
Chief Executive Officer
Mindspeed Technologies, Inc.
4000 MacArthur Boulevard, East Tower
Newport Beach, CA 92660-3095

Re: Mindspeed Technologies, Inc.
Form 10-K for Fiscal Year Ended October 2, 2009
Filed November 25, 2009
File No. 001-31650

Dear Mr. Halim:

We have completed our review of the above captioned filing and related correspondence and have no further comments at this time.

Sincerely,

Tim Buchmiller
Senior Attorney