



DIVISION OF
CORPORATION FINANCE

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

July 1, 2015

Via E-Mail

Steve Sanghi
President and Chief Executive Officer
Microchip Technology Incorporated
2355 West Chandler Boulevard
Chandler, Arizona 85224

**Re: Microchip Technology Incorporated
Form 10-K for Fiscal Year Ended March 31, 2015
Filed May 27, 2015
File No. 0-21184**

Dear Mr. Sanghi:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company 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. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Martin James

Martin James
Senior Assistant Chief Accountant

cc (via e-mail): Robert T. Ishii, Esq.