

**M/A-COM TECHNOLOGY SOLUTIONS HOLDINGS, INC.**  
**100 Chelmsford Street**  
**Lowell, MA 01851**

March 13, 2012

**VIA EDGAR**

Division of Corporation Finance  
Securities and Exchange Commission  
100 F Street, NE  
Washington, DC 20549  
Attn: Amanda Ravitz, Assistant Director  
Ruairi Regan, Staff Attorney

**Re: M/A-COM Technology Solutions Holdings, Inc.**  
**Registration Statement on Form S-1 (File No. 333-175934)**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, M/A-COM Technology Solutions Holdings, Inc. (the "Company") hereby requests that the effective date of the above-captioned Registration Statement be accelerated so that it becomes effective at 4:00 p.m., Eastern Time, on Wednesday, March 14, 2012, or as soon thereafter as practicable.

The Company hereby acknowledges that:

- should the Securities Exchange Commission (the "Commission") or the Staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the Staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the Company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the Company may not assert Staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please call Jason Day, at (303) 291-2362, or Ned Prusse, at (303) 291-2374, of Perkins Coie LLP, counsel to the Company, as soon as the Registration Statement has been declared effective.

Very truly yours,

**M/A-COM TECHNOLOGY SOLUTIONS HOLDINGS,  
INC.**

By: /s/ Charles Bland  
Name: Charles Bland  
Title: Chief Executive Officer

March 13, 2012

Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549

Re: M/A-COM Technology Solutions Holdings, Inc.  
Registration Statement on Form S-1 File No. 333-175934

Ladies and Gentlemen:

As underwriters of the M/A-COM Technology Solutions Holdings, Inc.'s (the "Company") proposed public offering of up to 6,389,400 shares of common stock, we hereby join the Company's request for acceleration of the above-referenced Registration Statement, requesting effectiveness for 4:00 p.m. (NYT) on March 14, 2012, or as soon thereafter as is practicable.

Pursuant to Rule 460 of the General Rules and Regulations under the Securities Act of 1933, we wish to advise you that we have effected the following distribution of the Company's Preliminary Prospectus dated February 28, 2012, through the date hereof:

Preliminary Prospectus dated February 28, 2012:

7,112 copies to prospective Underwriters, institutional investors, dealers and others

The undersigned advise that they have complied and will continue to comply with Rule 15c2-8 under the Securities Exchange Act of 1934.

Very truly yours,

J.P. MORGAN SECURITIES LLC  
BARCLAYS CAPITAL INC.  
*As Representatives of the several Underwriters*

By: J.P. MORGAN SECURITIES LLC

By: /s/ Tommy Rueger

By: BARCLAYS CAPITAL INC.

By: /s/ Victoria Hale  
Victoria Hale  
Vice President