



DIVISION OF  
CORPORATION FINANCE

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

October 4, 2018

Gregory Brown  
Chairman and Chief Executive Officer  
Motorola Solutions, Inc.  
500 W. Monroe Street  
Chicago, Illinois 60661

**Re: Motorola Solutions, Inc.**  
**Form 10-K for the Year Ended December 31, 2017**  
**Filed: February 16, 2018**  
**File Number: 001-07221**

Dear Mr. Brown:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance  
Office of Telecommunications