

# **Set Features Revert to Defaults Behavior Setting After Hard Reset or POR**

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**Revision 1**

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**Document Status**

<b>Revision History</b>		
<b>Rev</b>	<b>Date</b>	<b>Description</b>
0	Dec 17, 2008	1) Initial Revision
1	April 15, 2009	1) Changed to should go to 66h mode on hard reset and POR

## 1 Introduction

ATA8-ACS introduced a new requirement that the Set Features Reverting to Defaults feature be set to Reverting to defaults enabled mode on hard reset or POR. This new requirement should be re-evaluated for ACS-2 in light of customer requests and industry practice.

## 2 Changes to ACS-2

### 7.48.16 Enable/disable reverting to defaults

Subcommand codes CCh and 66h allow the host to enable or disable the reverting to defaults mode.

A device is in the reverting to defaults disabled mode after completing a SET FEATURES command with subcommand code 66h without error. A device should enter the reverting to defaults disabled mode after power on or hardware reset. A device in the reverting to defaults disabled mode shall not reset parameters to their default power-on values during the processing of a software reset.

A device is in the Reverting to defaults enabled mode after the device completes a SET FEATURES command with subcommand CCh without error. A device in the reverting to defaults enabled mode may reset parameters to their default power-on values during the processing of a software reset.