ONFI Technical Errata

Errata ID	**006**
Affected Spec Ver.	**ONFI 3.0, 3.1, 3.2, 4.0**
Corrected Spec Ver.	

Submission info

Name	Company	Date
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The erratum fixes an error in the definition of hold nominal slew rate. The definition is changed to be the first crossing of VIL(DC) or VIH(DC) to the first crossing of VrefQ(DC) vs. previously incorrectly stated as the last crossing of VIL(DC) or VIH(DC) to the first crossing of VrefQ(DC).

Description of the specification change

Modify Section 4.13 "Input Slew Rate Derating", 4.13.2 "NV-DDR2/NV-DDR3" shown below:

The hold nominal slew rate for a rising signal is defined as the slew rate between the ~~last~~ first crossing of VIL(DC) max and the first crossing of VREFQ(DC). The hold nominal slew rate for a falling signal is defined as the slew rate between the ~~last~~ first crossing of VIH(DC) min and the first crossing of VREFQ(DC). If the actual signal is always later than the nominal slew rate line between shaded 'DC to VREFQ(DC) region', then the derating value uses the nominal slew rate shown in Error! Reference source not found.. If the actual signal is earlier than the nominal slew rate line anywhere between the shaded 'DC to VREFQ(DC) region', then the derating value uses the slew rate of a tangent line to the actual signal from the DC level to the VREFQ(DC) level shown in Error! Reference source not found..

Disposition log

11/11/2014	Erratum captured.

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