## ONFI Technical Errata

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| **Errata ID** | **009** |
| **Affected Spec Ver.** | **ONFI 1.0** |
| **Corrected Spec Ver.** | |

Submission info

| Name | Company | Date |
|---|---|---|
| Amber Huffman | Intel | 7/1/2007 |

Description of the specification technical flaw (add space as needed)

The VOH minimum value for 1.8V devices is specified as Vcc * 0.67 which is around 1.2V. This is much too low for 1.8V devices on the market, and should be specified as Vcc – 0.1V as is more commonly seen.

Description of the correction

***Modify the minimum value for VOH in Table 7 in section 2.8 as shown:***

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Units |
|---|---|---|---|---|---|---|
| Operating current Read Page with serial access | ICC1 | tRC= $t_{RC}$ (min), CE#=VIL, IOUT=0 mA | - | - | 50 | mA |
| Operating current Program | ICC2 | - | - | - | 50 | mA |
| Operating current Erase | ICC3 | - | - | - | 50 | mA |
| Standby current | ISB1 | CE#=VIH, WP#=0V | - | - | 1 | mA |
| Standby current | ISB2 | CE#=Vcc-0.2, WP#=0 V | - | - | 50 | µA |
| Input leakage current | ILI | VIN=0 to Vcc | - | - | +-10 | µA |
| Output leakage current | ILO | VOUT=0 to Vcc | - | - | +-10 | µA |
| Input high voltage | VIH | - | Vcc * 0.8 | - | Vcc+0.3 | V |
| Input low voltage | VIL | - | -0.3 | - | Vcc * 0.2 | V |
| Output high voltage | VOH | IOH=-100 µA | Vcc – 0.1V ~~Vcc * 0.67~~ | - | - | V |
| Output low voltage | VOL | IOL=100 µA | - | - | 0.1 | V |
| Output low current (R/B#) | IOL(R/B#) | VOL=0.2 V | 3 | 4 | - | mA |
| Staggered power-up current | IST | tRise = 1 ms cLine = 0.1 µF | | | 10 per LUN | mA |

**Table 7 DC and Operating Conditions for 1.8V devices**

Disposition log

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| 7/1/2007 | Erratum captured. |
| 8/17/2007 | Erratum ratified. |

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