This errata sheet provides information about known device issues affecting EN63A0QA production devices.

Production Devices Issues for EN63A0QA

Table 1 lists the issue and the affected product.

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<th>Issue</th>
<th>Affected Devices</th>
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<td>VFB leakage current is lower than originally specified</td>
<td>EN63A0QA</td>
<td>Datasheet update in Rev B</td>
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Table 1. EN63A0QA Production Device Issues

VFB leakage current is lower than originally specified

Intel has discovered that the leakage current into the FB pin, denoted as I_{VFB} in the datasheet electrical specifications table, is significantly smaller than originally estimated. Although the revision A datasheet specifies I_{VFB} as ±200nA, production data shows we can guarantee an improved specification of ±10nA.

Workaround for “VFB leakage current” issue

This change represents an improvement to this parameter that will lead to overall better accuracy of the EN63A0QA. For most customers, no action is necessary.

Some customers may have determined that 0.1% output-voltage-setting resistors were needed for to meet their accuracy specifications. These customers may choose to revisit this calculation to determine whether the 0.1% resistors could be replaced with lesser cost 1% resistors in light of the improved accuracy due to lower VFB leakage.

The datasheet has been modified to show the updated specification.