



---

## UPDATE CHANGE NOTIFICATION 16271A

Generic Copy

---

**Issue Date:** 19-Nov-2010

**TITLE:** Update to Final Notification for transfer of products from MOS9 wafer fab (East Kilbride, Scotland) to CZ4 wafer fab (Roznov, Czech Republic).

**PROPOSED FIRST SHIP DATE:** 12-Dec-2010

**AFFECTED CHANGE CATEGORY(S):** ON Semiconductor wafer fab site

**ADDITIONAL RELIABILITY DATA:** N/A

**SAMPLES:** Contact your local ON Semiconductor Sales Office

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor Sales Office or Eric Rupnow <[e.rupnow@onsemi.com](mailto:e.rupnow@onsemi.com)>

**NOTIFICATION TYPE:**

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <[quality@onsemi.com](mailto:quality@onsemi.com)>.

**DESCRIPTION AND PURPOSE:**

This is an update to FPCN16271 which is available at [www.onsemi.com](http://www.onsemi.com) ON Semiconductor.

MOS9 wafer fab will no longer support the fabrication of the E-Plus ECL translators. In order to continue to support our customer's requirements for E-Plus ECL Translator products, the fabrication of these devices is being moved from current wafer fab, MOS9 in East Kilbride Scotland, to ON Semiconductor's wafer fab, CZ4 in Roznov Czech Republic.

In the course of reviewing the electrical data, Test Methodology improvements indicate prior limits were imprecisely set along with differences observed during evaluation comparison of MOS9 and CZ4. The following changes will be made in the Data Sheet:

**For NB100ELT23L:**

Change ICCH Limits at all temperatures from (10mA, 20mA) to (10mA, 30mA)

Change ICCL Limits at all temperatures from (15mA, 25mA) to (15mA, 35mA)

Change Tpd Limits change from (1.95ns, 2.95ns) to (1.55ns, 2.95ns) across temperature range.

Change Tr Limits change from (700ps, 1650ps) to (700ps, 1700ps) across temperature range.

Change Tf Limits change from (300ps, 1000ps) to (300ps, 1250ps) across temperature range.



**UPDATE CHANGE NOTIFICATION 16271A**

**List of affected General Parts:**

**PART**

NB100ELT23LD  
NB100ELT23LDG  
NB100ELT23LDR2  
NB100ELT23LDR2G  
NB100ELT23LDT  
NB100ELT23LDTG  
NB100ELT23LDTR2  
NB100ELT23LDTR2G