



## BUYERS' CHOICE

STANDARD PRODUCTS NEWSLETTER

[Lighting](#) | [ON: 40V MOSFET](#) | [Xilinx: Bundle Purchasing](#) | [Date Codes](#) |

### Lighting: No light - No life!

This expression is undisputable. Undisputed is also the fact that lighting today accounts for approximately 20% of the total power consumption.

Silica Lighting starts with solid state lighting solutions, continually striving to be at the forefront of technology offering innovative and efficient lighting components, as and when they are ready for distribution. Silica's Lighting concept enables you to find the most suitable semiconductor light source for your application.

Together with our network of design houses we enable you to plan, design, develop, manufacture and even distribute your lighting elements - irrelevant of where your customers are in the process. All you have to do is let us know what they need.

More information on [www.silicalighting.com](http://www.silicalighting.com).

### Lighting Linecard

#### Seoul Semiconductors:

Visible wavelengths from deep blue to infra red, single and multi chip LED's with power ratings from 250 mA to 8 A (new product soon to be released), single and multi coloured through hole & surface mount, 2,5 V DC to 230 V AC, Made in Korea



#### Seoul Optodevices:

UV LED's, Made in Korea

#### Carclo:

Single and multiple lenses, narrow, medium, wide, elliptical and diffused optics, modular construction, focussed on power LED's, Made in UK

#### CoolerMaster:

LED Cooling Solutions, Made in Taiwan

#### Fraen:

Single and multiple lenses, narrow, medium, wide, elliptical and diffused optics, modular construction, focussed on tri-colour LED's, Made in Italy

#### SekoNix:

Collimate lens & beam lens, filter narrow, medium, wide and fog, focussed on power LED's, Made in Korea

#### Sharp:

Photocouplers, phototriacs, optocouplers, LED-modules and -drivers, Made in Japan

#### Universal Science:

Thermal solutions, thermal interfacing basics, products & modelling, insulated metal circuit boards and LED cooling technology, Made in France

To find out more about Silica's Lighting offering please visit [www.silicalighting.com](http://www.silicalighting.com) or check out the [Silica Lighting Linecard](#).

### ON Semiconductor: New 40 V N-MOSFETs

The NTD580xN series was designed for the use in applications requiring 40 volt parts with lower RDS(on). Its low RDS(on) performance optimizes efficiency and extends battery life in major segments like body, safety and power train.



All NTD580xN are housed in a DPAK surface mount package to save board space. With its 40V breakdown voltage capability it will meet automotive and industrial load dump transient requirements. The family is AECQ101 compliant.

For more information view the [part number overview](#).

The NTD580xN series is a direct drop-in replacement for Fairchild's FDD8444.

As only a limited number is available order your **free sample kit** quickly from your local [Silica sales office](#) with sample reference: **40VMOSFETSAMPLEKIT**.

### Xilinx - The new Way of License Purchasing

Xilinx has made some significant changes to the purchasing procedure of their software products effective April 27th, 2009.



The following applies to all new orders:

- Xilinx has moved to **FLEXnet licensing technology** for ISE Design Suite 11 software products. To find the closest replacement part or the optional upgrade please have a look at Xilinx's [XCN09015](#) or contact your Silica sales representative.
- **For the first time** new product **EDITIONS** and pricing are available. These Editions replace many products previously offered as individual tools. Single software options are still available for Editions Upgrade and Webpack users, and several Xilinx Design Tools are now also available as separate products for the first time.
- To order an **ISE Design Suite software**, it is necessary to specify the category by using separate part numbers for node-locked (locked to a single computer or dongle) or floating license (locked to a networked license server).
- **IP cores** are now available via electronic fulfilment.
- **'EX-' and 'UC-'** (Universities) renewal part numbers are now **obsolete**.
- **Electronic Fulfilment:** Please provide the license end user name (NOT purchasing contact) and email address when sending your order to Silica. An automated email from the electronic fulfilment system will then be sent to the entitled enduser.

Please contact your Silica sales representative for quotes on the new product Editions and part numbers!

For an overview of the new editions and stand alone licenses please click [here](#).

### Date Codes: Extended Shelf Life

In our Buyers' Choice No. 1,2009 we informed you about upcoming delivery constraints in the market. These are mainly due to reduced production capacities at the suppliers.

To minimise an interruption in the supply chain many suppliers are now shipping built up inventory of products. Mostly, these had been held as buffer and safety stocks. This results in suppliers delivering products with date codes up to 5 years old. The original product guarantee however remains fully valid.

View the official statement from [Maxim](#) and [Texas Instruments](#).

### IMPRINT

This email was sent to: [F.BOSCHI@BRAINBEE.COM](mailto:F.BOSCHI@BRAINBEE.COM) from Avnet EMG GmbH / Silica, Im Technologiepark 2-8, 85586 Poing, Germany.

If you no longer wish to receive a copy of the Silica Buyers' Choice, please [unsubscribe here](#).

Phone: +49 (0) 81 21 - 7 77 02  
Fax: +49 (0) 81 21 - 7 77 43 40  
E-Mail: [marcom@silica.com](mailto:marcom@silica.com)  
Internet: [www.silica.com](http://www.silica.com)

Avnet EMG GmbH  
Commercial Register: Local Court of Munich  
HRB 152 448, WEEE-Reg.-No. DE 43292118  
Managing Director:

\* Karlheinz Weigl  
\* Patrick Zammit

If you have feedback regarding the content, please contact [Silica Assets](#).

Go [here](#) to view/modify your preferences or if you no longer wish to receive Silica emails. If you have difficulties or questions about this process, please contact: [marcom@silica.com](mailto:marcom@silica.com)