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Dear Mr. Jeske,

In times of inconsistency and unforeseen changes it is crucial to have a reliable partner. Silica has and is continuing to stay focused on operational excellence. Some of the key elements remain quality of service, innovations, global competitiveness and financial soundness.

Just recently, our parent company Avnet has been recognised for these achievements and named No. 1 overall in the Wholesaler: Electronics category in the annual "Most Admired Companies" list by Fortune magazine. This brings Avnet into the Industry Champions league where you can find in their respective sectors leaders like Intel, Appel and IBM ([www.fortune.com](http://www.fortune.com)).

Thank you for the nomination, we will continue to respond to your high expectations!

Kind regards,  
Your SILICA Team

### ST-Ericsson: A new Wireless Market Player

We are pleased to announce that SILICA will continue to be a key distribution partner for ST-Ericsson, a 50/50 joint venture created by bringing together ST-NXP Wireless and Ericsson Mobile Platforms, two of the world's leading wireless semiconductor and mobile platform companies.



The Swiss-based company will be operational as of 29th March. ST-Ericsson will be working fabless by mainly using production capacities of STMicroelectronics allowing them to concentrate their resources on R&D.

Packaging, marking and labelling will initially not change but adding a ST-Ericsson logo. The part numbers you previously used will remain the same.

Product families in the ST-Ericsson catalogue:

- **Connectivity:** BGB2x, TEA576x, TEA599x, STLC2x, STLC4560
- **Multimedia:** PNX016x, STW509x, STW52x, STW80x, SAA8510
- **USB:** ISPx, PDIUSB1x
- **PMC IF:** STw4x, PCF506x, AERO42x, SA8x

For more information please visit [www.stericsson.com](http://www.stericsson.com) or contact [Silica](#).

### Micron: Embedded USB

Replace **Intel's** recently **discontinued Z-U130** (SSDUSMSxx) with Micron's RealSSD™ eUSB.



These devices are a compatible and cost-effective solution for applications that require minimal amount of storage in a small footprint. Micron's embedded USBs utilize Micron SLC NAND Flash memory with proven performance, endurance, and reliability.

#### eUSB Product Highlights:

- Capacities: 1GB, 2GB, 4GB and 8GB
- USB 2.0 interface
- High performance
- Space saving design
- Also available in industrial temperature (-40...+85 °C)

For more information click on [SSD part numbering](#) and the [Micron RealSSD™ embedded USB data sheet](#).

For easy matching: [Micron - Intel cross reference table](#).

### NXP: 500mA RETs - PDTD- and PDTB-Series

If board space is your imperative then use NXP's Resistor-Equipped Transistors: **SOT23 (TO-236AB)** or **SOT457 (SC-74)**



Your advantage:

- Single component alternative for BC807/BC817 and their base resistors in digital applications
- Lower handling and inventory costs
- Reduced board space

To find NXP's equivalent to other offerings please click on attached [cross reference table](#) and NXP's [part number coding](#).

The product name may differ from supplier to supplier: Infineon calls them Digital Transistors, at OnSemi they are known as Bias Resistor Transistors and Diodes names them Pre-bias Transistors.



### IR: Benchmark MOSFETs for DC Motor, Inverters and UPS

With their **150 V and 200 V MOSFETs**, IR offers the best price/performance combination in the market targeted for hard switched and/or high frequency circuits such as SMPS and UPS:



- Optimized for industrial battery applications such as E-Bike, scooters, carts, UPS and tools.
- Utilizing IR's latest Trench silicon technology with superior RDS(on) to help improve system efficiency and reliability
- Supports 48 V and 96 V DC bus voltages
- Also available in DPAK and IPAK

To view part numbers and specifications click [here](#).

### IMPRINT

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