

## R&D Electronics Newsletter (2016 Issue 2)

Welcome to our 2st issue of newsletters in 2016!

**R&D Electronics** is the **exclusive marketing and sales channel for TECHSEM**, which is a well-known Chinese developer and manufacturer of **diode / thyristor modules and capsules** with 50 years experience. In our well-structured B2B e-commerce-portal [www.rd-ebusiness.com](http://www.rd-ebusiness.com) you can quickly find and order all products with the help of the integrated user-friendly search and ordering process. The online-shop is presented in **English, German and Portuguese** language.

In this issue we would like to give you an overview of the TECHSEM product range and the application fields of the products. In addition, some key features of the products will be introduced as well.

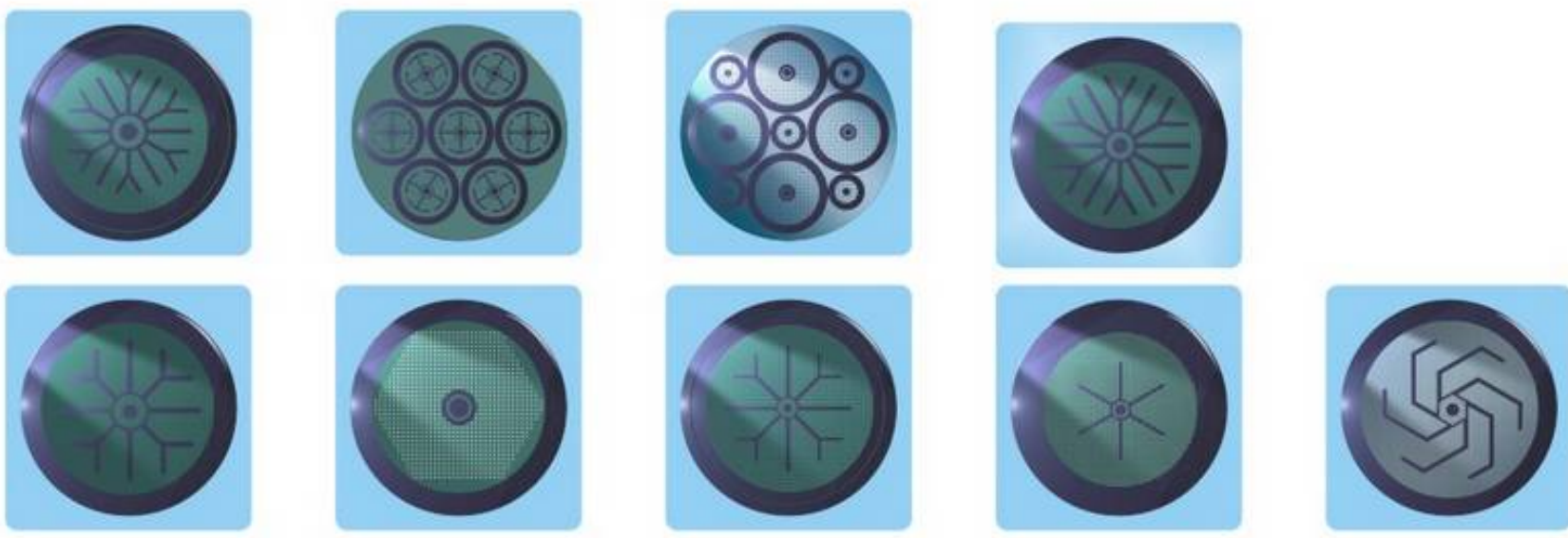
Also this year R&D Electronics will exhibit together with TECHSEM at **PCIM fair** in Nuremberg. Please find detailed information in this newsletter.

All of our newsletters are archived in our online-shop. More information is available under: [www.rd-ebusiness.com](http://www.rd-ebusiness.com)

Yours faithfully  
R&D Electronics Team

### TECHSEM - Full Range Provider of Power Semiconductors

#### 1. Wafers



- Size: 1.5 – 6 inches
- Voltage: 400 – 7200V
- Used for phase control thyristor, fast turn-off thyristor, rectifier diode, fast recovery diode

#### 2. Chips



- Size: 1.5 – 5 inches
- Voltage: 400 – 7200V
- Current: 25 – 8000A
- Used for phase control thyristor, fast turn-off thyristor, rectifier diode, fast recovery diode

#### 3. Power Modules

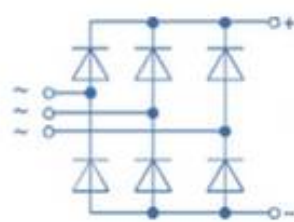


600V ..... 3600V



- Pressure contact with higher reliability and longer life-time
- Reliability test to 20,000 power cycles
- International standard housing (second source possible)
- CE / UL / RoHS compliant
- Main application fields: DC motor control and drives, power converters, battery charges, welders, heat and temperature control, lighting control

#### 4. Bridge Rectifiers



600V ..... 1800V



- Excellent cost-benefit ratio
- International standard housing (second source possible)
- CE / UL / RoHS compliant
- Main application fields: power converters, SMPS, UPS, general purpose inverters, welders

#### 5. Capsule Thyristors / Diodes

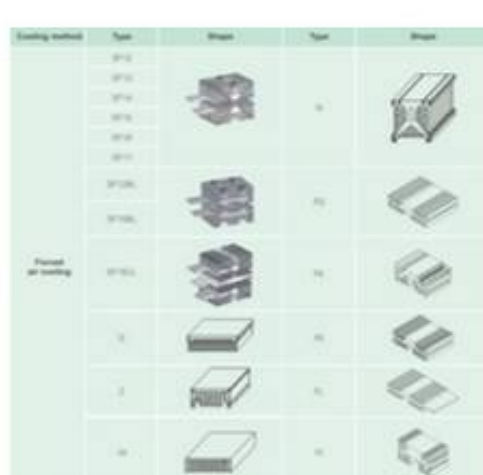
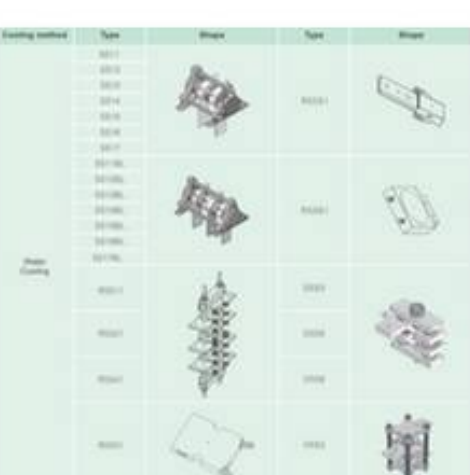


200V ..... 8000V



- Diverse chips for different applications
- International standard housing (second source possible)
- CE / RoHS compliant
- Main application fields: induction heating, high current DC power supplies, medium voltage soft starters, traction

#### 6. Heat Sinks & Power Assemblies



- Power assemblies with variety circuit topologies
- Water cooling and forced air cooling heat sinks with diverse models
- Main applications fields: power systems, heat control systems, tractions, renewable energy systems

Visit us at our booth during the PCIM in Nuremberg



Visit us at PCIM Europe:  
From 10 - 12 May 2016 in Nuremberg, Germany,  
Hall 9, Stand 9-429

We are looking forward to meeting you. For meeting arrangement please contact us via [info@rd-ebusiness.com](mailto:info@rd-ebusiness.com) or by phone +852-3421-2216.

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