

## Products & Technologies



Aluminum electrolytic capacitors

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## SMD series for consumer and industrial electronics

The new SMD aluminum electrolytic capacitors from EPCOS cover a capacitance range from 0.1  $\mu\text{F}$  to 1500  $\mu\text{F}$  and are designed for voltages from 4 V DC to 100 V DC. Versions are available for temperature ranges from  $-40\text{ }^{\circ}\text{C}$  to  $+85\text{ }^{\circ}\text{C}$  and from  $-40\text{ }^{\circ}\text{C}$  to  $+105\text{ }^{\circ}\text{C}$ . Depending on the CV value, the case sizes vary between 4 mm x 5.4 mm and 10 mm x 10 mm (d x l). The B41142\* series with ESR values from a minimum of 0.8  $\Omega$  is particularly suitable for applications requiring high ripple current capability.

The operating life of the capacitors of this series is 3000 hours ( $105\text{ }^{\circ}\text{C}$ ). All types are RoHS-compatible. The new capacitors are suitable for applications in consumer and industrial electronics. They are an attractively priced alternative to tantalum capacitors.

The updated range is shown in the new Alu-X® 2008 Data Book (ordering code EPC:27017-7600). The data sheets may also be downloaded from the Internet. In addition, more than 5000 competitor ordering codes for SMD aluminum electrolytic capacitors have been added to the X-Reference database ([www.epcos.com/xref](http://www.epcos.com/xref)) in order to facilitate the search for EPCOS types.