



Electronic Parts and Components

Press Release for the Trade Media

March 2009

PTC thermistors Perfect fit for LED driver circuits

EPCOS has developed a new series of PTC thermistors in the EIA 0603 case size specifically for LED driver circuits. Compared to conventional PTC limit temperature sensors they offer two decisive benefits: their rated resistance has a narrow tolerance at ± 15 percent and their R/T characteristic is more exactly specified. This facilitates the design of LED driver circuits and at the same time enables the thermal management of LEDs to be improved. Thus, LEDs can be operated with almost the maximal permissible temperature-dependent current without having to use a driver IC with integrated temperature measurement.

The new B5960* series comprises four types with resistances of 110 Ω and 470 Ω and various R/T characteristics. The thermistors are designed for a maximum operating voltage of 32 V DC.

You can download the text of this press release and the related images from www.epcos.com/tradepress
Further information on this topic can be found at www.epcos.com/ptc

Please forward reader inquiries to EPCOS AG, Fax +49 89 636-22471, marketing.communications@epcos.com

Contacts for regional media:	Europe, NAFTA Christoph Jehle EPCOS AG Munich/GERMANY Phone +49 89 636-24 615 Fax +49 89 636-22 741 christoph.jehle@epcos.com www.epcos.com	Asia Angelia Liew EPCOS PTE LTD SINGAPORE Phone +65 6840-6488 Fax +65 6744-6992 angelia.liew@epcos.com www.epcos.com.sg	South America Candido Dall'Agnol EPCOS do Brasil Ltda. São Paulo/BRAZIL Phone +55 11 3817-3435 Fax +55 11 3817-3447 candido.dallagnol@epcos.com www.epcos.com
------------------------------	---	---	---