



Toshiba Introduces new Compact-Sized Photorelay Devices

Optimized for high density implementations thanks to space-saving P-SON4 package

Düsseldorf, Germany, 15th September 2020 – Toshiba Electronics Europe GmbH ("Toshiba") continues to drive innovation forward in optoelectronics with the addition of more photorelays to its expansive portfolio. All three of these devices are housed in the new P-SON4 package format. They are able to deliver very strong performance characteristics, while taking up significantly less board space than commonly used SOP packages.

The TLP3480, TLP3481 and TLP3482 each have OFF-state output terminal voltage ratings and ON-state current ratings that are comparable to larger SOP-packaged devices - with these parameters ranging from 30V and 4.5A (for the TLP3480), 60V and 3A (TLP3481) to 100V and 2A (TLP3482). They also have low ON-resistance figures, due to incorporation of Toshiba's proprietary trench MOSFET technology.

With 2.1mm x 3.4mm (typ.) dimensions, the new P-SON4 package format presents a very small mounting area. This means the photorelays are well suited to high-density board mounting, where there is very limited space available. Their 7.2mm² (typ.) mounting area is approximately 74% smaller than 2.54SOP4 and 84% smaller than 2.54SOP6 package types.

These highly compact photorelay devices are intended for use in a wide variety of measuring equipment and instrumentation - with semiconductor testers, probe cards and I/O interface boards among the key applications deriving benefits.

Additional information for these devices are available from:

<https://toshiba.semicon-storage.com/eu/semiconductor/product/optoelectronics/photorelay-mosfet-output/detail.TLP3480.html>

<https://toshiba.semicon-storage.com/eu/semiconductor/product/optoelectronics/photorelay-mosfet-output/detail.TLP3481.html>

<https://toshiba.semicon-storage.com/eu/semiconductor/product/optoelectronics/photorelay-mosfet-output/detail.TLP3482.html>

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About Toshiba Electronics Europe

[Toshiba Electronics Europe GmbH](#) (TEE) is the European electronic components business of [Toshiba Electronic Devices and Storage Corporation](#) (Toshiba). TEE offers European consumers and businesses a wide variety of innovative hard disk drive (HDD) products plus semiconductor solutions for automotive, industrial, IoT, motion control, telecoms, networking, consumer and white goods applications. The company's broad portfolio encompasses integrated wireless ICs, power semiconductors, microcontrollers, optical semiconductors, ASSPs and discrete devices ranging from diodes to logic ICs.

TEE has headquarters in Düsseldorf, Germany, with branch offices in France, Italy, Spain, Sweden and the United Kingdom providing design, manufacturing, marketing and sales. Company president is Mr. Tomoaki Kumagai

For more company information visit TEE's web site at www.toshiba.semicon-storage.com.

Contact details for publication:

Toshiba Electronics Europe GmbH, Hansaallee 181, D-40549 Düsseldorf, Germany

Tel: +49 (0) 211 5296 0 Fax: +49 (0) 211 5296 79197

Web: www.toshiba.semicon-storage.com/eu/company/news.html

E-mail: discrete-ic@toshiba-components.com

Contact details for editorial enquiries:

Michelle Shrimpton, Toshiba Electronics Europe GmbH

Tel: +44 (0)193 282 2832

E-mail: MShrimpton@teu.toshiba.de

Issued by:

Birgit Schöniger, Publitek

Tel: +44 (0)1582 390 980

Web: www.publitek.com

E-mail: birgit.schoeniger@publitek.com

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