

NEWS RELEASE

PR0517E

Alps Electric Commences Mass Production of “GLU Series” Licalloy Power Inductor*DC Resistance Reduced by 25 % Enables Outstanding Energy Savings, Ideal for OLED Panels*

Munich, August 09, 2017 – ALPS Electric has developed the “GLU Series” Licalloy™ Power Inductor. The product will contribute to energy savings in mobile devices fitted with OLED panels, for which demand has risen in recent years. Mass production already began in May 2017. Typical applications which will benefit from the new power inductors are smartphones, tablets and other mobile devices equipped with OLED technology.

Today’s smartphones and other mobile devices increasingly make use of organic light-emitting diode (OLED) panels to realize better image quality. By 2020, more than half of all such devices are expected to use this technology. It is also now commonplace for users to listen to music and watch videos on tablets. The power requirement of mobile devices thus continues to grow, spurring end product manufacturers to search for ways to make their tablets more energy-efficient.

Already in mass production, Alps Electric’s GLU Series Licalloy Power Inductor has 25% lower DC resistance than the company’s existing product, achieved through use of next-generation materials and coil technology advancement. The new power inductor employs original low-core-loss material with excellent soft magnetic characteristics, realizing low loss during power conversion.

This improves power conversion efficiency, especially with a heavy power requirement. Excellent characteristics are demonstrated even when OLED panels are set on high brightness or during video playback, thereby helping to extend the life of mobile device batteries.

As a chip type component, electrodes of the GLU Series are located on the base, which is useful for achieving low height. Because there are no electrodes located on the top of the power inductor, noise suppression components or other parts can be installed in close proximity to it. This improves flexibility in end product design.



ALPS Electric Co., Ltd.

ALPS Electric (Tokyo: 6770) is a leading global manufacturer of high-quality electronic components for mobile devices, home electronics, vehicles and industrial equipment. With the philosophy of “Perfecting the Art of Electronics” ALPS Electric supplies over 40,000 different components to about 2,000 companies all over the world. For more information, visit www.ALPS.com.

ALPS ELECTRIC EUROPE GmbH, a subsidiary of ALPS Electric Co., Ltd., was established in 1979. Since 2013 the European Head Office has been located in Munich and as such co-ordinates the Sales, Marketing and Product Engineering activities of our offices in Dusseldorf, Paris, Milton Keynes, Gothenburg and Milan, as well as the production activities of our manufacturing site in Dortmund.

Contact:**ALPS ELECTRIC EUROPE GmbH**

Phone.: +49-89-321421-0

Fax: +49-89-321421-205

Email: info@ALPS-europe.comInternet: www.ALPS.com**PR Agency:**

MEXPERTS AG

Peter Gramenz

Phone: +49 (0)8143 59744-00

Email: peter.gramenz@mexperts.deInternet: www.mexperts.dePress Portal: www.presseagentur.com

This news release is available electronically at
<http://www.presseagentur.com/ALPS/en/>