

News Release: New Product: Automotive Pulse Transformer 'VEPS1313A'



SAGAMI ELEC CO., LTD. is pleased to announce the development of '[VEPS1313A](#)' (W14.3mm×D17.8mm×H12.8mm) pulse transformer for automotive applications.

'[VEPS1313A](#)' has a leakage inductance 10% lower than that of our existing product '[VEP1313A](#)' by arranging the GAP of 'VEP1313A' and making the GAP '0'.

This makes it easier to insulate areas susceptible to external noise and contributes to improved power efficiency of the entire circuit.

We will further expand our product lineup to meet worldwide market needs and provide a wide variety of solutions!

Applications

Battery management systems, Quick chargers for EVs, Solar power conditioners

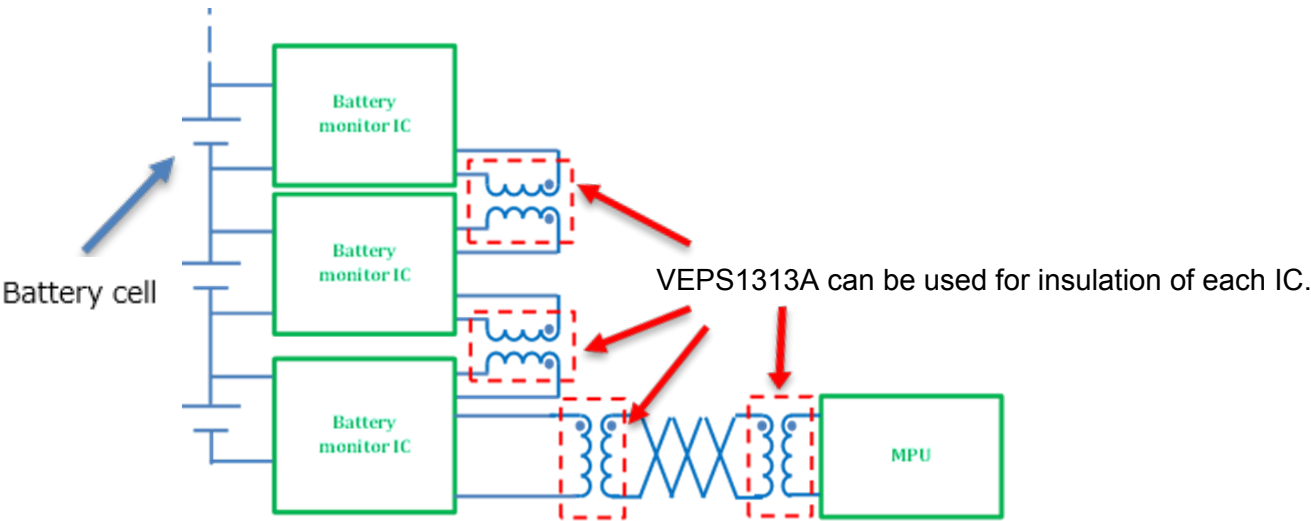
Features

- Applicable for forward and push-pull as well as signal transmission
- High withstand voltage up to AC 1500 Vrms
- High coupling and low leakage
- AEC-Q200 compliant
- Operating temperature range: -40°C to +150°C (including self-heating)

Electrical Characteristics

Primary Inductance	Conditions
30μH Min.	50kHz at 1V
Leakage Inductance	Conditions
289nH	100kHz at 1V

Example of Use



Product Details

<https://www.sagami-elec.co.jp/en/product/detail.php?type=VEPS1313A>

Contact

For inquiries about this product (including quotations and sample requests), please contact us using [the inquiry form](#).