



European  
Passive Components  
Industry  
Association

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**FOR IMMEDIATE RELEASE**

## **EPCIA Student Award 2023**

**Mr Chang Wang from the Department of Electrical and Photonics Engineering at the Technical University of Denmark has been awarded the EPCIA Student Award at PCNS Conference on 12 September 2023 in Sønderborg, Denmark, for his outstanding post-doctoral work.**

The EPCIA Student Award Committee assessed the interesting publication of Mr Wang as an outstanding academic work in the area of electronic passive components. The award is granted with € 5,000.

The EPCIA award was granted to Mr Wang for a new improved planar matrix transformer that is used in data centre voltage regulation module (VRM) application. The new structure can be used for 4-phases LLC resonant converter handling up to 160 A output current with 5 V output voltage. The innovation of the improved planar matrix magnetic core corresponds to EPCIA expectations for passive component and is of great commercial use due to the rapid growing data centre industry.

*“There is a great importance of such R&D projects for the passive components industry”, according to Ralph Bronold, President of EPCIA.*

He encourages students across all European universities who work in this area to apply for the EPCIA students award in 2024.

For all future applicants: EPCIA is granting the Student Award annually and is looking forward to receiving more theses or papers related to passive components. All details related to the EPCIA Student Award can be found on the EPCIA website: <https://www.eusemiconductors.eu/epcia/epcia-student-award>



Handover of the EPCIA Student Award certificate (from left to right): Mr Luca Primavesi, Itelcond, Mr Chang Wang, winner of the Student Award and Prof Dr Thomas Ebel, SDU.

For more information:

Marcus Dietrich, PhD

Secretary

European Passive Component Industry Association (EPCIA)

Web: <https://www.eusemiconductors.eu/epcia>

**About EPCIA:** *The European Passive Component Industry Association (EPCIA) represents and promotes the common interests of the passive component industry active in Europe to ensure an open and transparent market for passive components in Europe as part of the global market place. Passive component manufacturers play a key role in the development of the electronics industry and more globally in the development of the e-society in Europe and the rest of the world. Every new function, every new semiconductor, generates new requirements in volume and performance for passive components. Supported by several large companies, a great number of SMEs (small and medium-sized enterprises), national associations and technological research institutes, the passive component industry has accumulated a considerable competence and know-how over the years.*