

Erratum to “Hold-Up Time Compensation Circuit of Half-Bridge *LLC* Resonant Converter for High Light-Load Efficiency”

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In the above paper [1], there are some corrections.

The first footnote should read as follows:

The authors are with the Department of Electrical, Computer, and Biomedical Engineering, University of Rhode Island, Kingston, RI 02881 USA (e-mail: yjeong@uri.edu; trevin6248@kaist.ac.kr; jaedo.park@ucdenver.edu; jkkim99@inha.ac.kr; ronald.rorrer@ucdenver.edu).

Fig. 10 should be as follows:

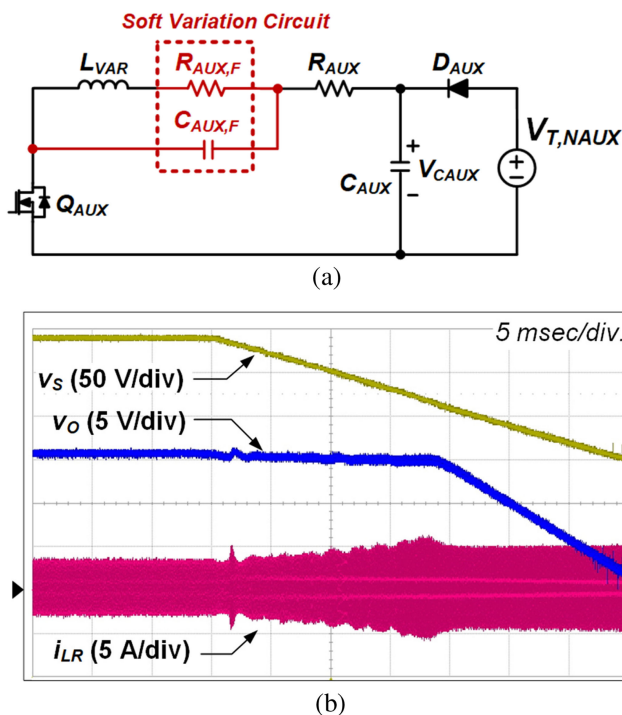


Fig. 10. Soft variation circuit during the transient. (a) Circuit diagram. (b) Mode transient waveform at 100% load conditions.

Yeonho Jeong’s biography should read as follows:

Yeonho Jeong (Member, IEEE) received the M.S. and Ph.D. degrees in electrical engineering from the Korea Advanced Institute of Science and Technology, Daejeon, South Korea, in 2014 and 2018, respectively.

He is currently an Assistant Professor with the Department of Electrical, Computer, and Biomedical Engineering, University of Rhode Island, Kingston, RI, USA. From 2008 to 2018, he was as a Senior Research Engineer with Samsung Electro-Mechanics and Solu-M in South Korea, where he was researching server and network power systems. From 2018 to 2020, he was a Postdoctoral Researcher with the Department of Electrical/Mechanical Engineering, University of Colorado Denver. His main research interests include dc–dc converters, ac–dc power factor correction converters, server power supplies, hybrid power systems and its energy management for transportation, and digital control approaches for various power converters.

In addition, please find the following updated references:

- [23] J. M. Alonso, M. Perdigo, M. A. Dalla Costa, S. Zhang, and Y. Wang, “Variable inductor modeling revisited: The analytical approach,” in Proc. IEEE Energy Conversion Congress Exposition (ECCE), Oct. 2017, pp. 895–902.
- [24] Ferroxcube Corp., 3C90 Material Data Sheet, 2008.

REFERENCE

- [1] Y. Jeong *et al.*, “Hold-up time compensation circuit of half-bridge LLC resonant converter for high light-load efficiency,” *IEEE Trans. Power Electron.*, vol. 36, no. 12, pp. 13126–13135, Dec. 2020.

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