



## Publications

### **Conducted Electromagnetic Interference Analysis and Filter Design for Isolated DC-DC Converter**

Makda, I. A. 2017 (Submitted) 133 p.

### **Common-mode noise analysis, modeling and filter design for a phase-shifted full-bridge forward converter**

Makda, I. A. & Nymand, M. 2015 *Proceedings of the International Conference on Power Electronics and Drive Systems*. IEEE, p. 1100-1105

### **Common mode noise generation and filter design for a hard switched isolated full-bridge forward converter**

Makda, I. A. & Nymand, M. 2014 *Proceedings of the 40th Annual Conference of the IEEE Industrial Electronics Society*. IEEE Press, p. 1312-1317 (IEEE Industrial Electronics Society. Annual Conference. Proceedings).

### **Differential Mode EMI Filter Design for Isolated DC-DC Boost Converter**

Makda, I. A. & Nymand, M. 2014 *Proceedings of the 16th European Conference on Power Electronics and Applications*. IEEE Press, 8 p.

### **Differential mode EMI filter design for ultra high efficiency partial parallel isolated full-bridge boost converter**

Makda, I. A. & Nymand, M. 1 Jan 2013 *Proceedings of the International Conference on Power Electronics and Drive Systems*. IEEE Press, p. 99-103 5 p.

### **Common mode noise modeling and its suppression in ultra-high efficiency full bridge boost converter**

Makda, I. A., Nymand, M. & Madawala, U. 2013 *Proceedings of the 39th Annual IEEE Conference of the Industrial Electronics Society*. IEEE Press, p. 526-531