

Title:

Compact and Reliable Transformer with Integrated Inductor

Description:

Custom transformer now integrates function of normally discrete inductor for demanding power electronics applications. Design considerations yield configurations that reduce overall size.

Presentation content helps system designers understand how size reduction can be achieved while mitigating performance and reliability risks.

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Biography of Presenter:

Victor W. Quinn directs Exxelia's US Magnetics Design Center with responsibilities for research and technology implementation on new products. Mr. Quinn specializes in magnetic component design and development for a wide variety of industrial, aerospace, space and defense applications. He holds longstanding interest in advancing magnetic components and developing novel technologies that increase efficiency and reliability.