



MC33777 Battery Junction Box Evaluation Board

EVBMA777T

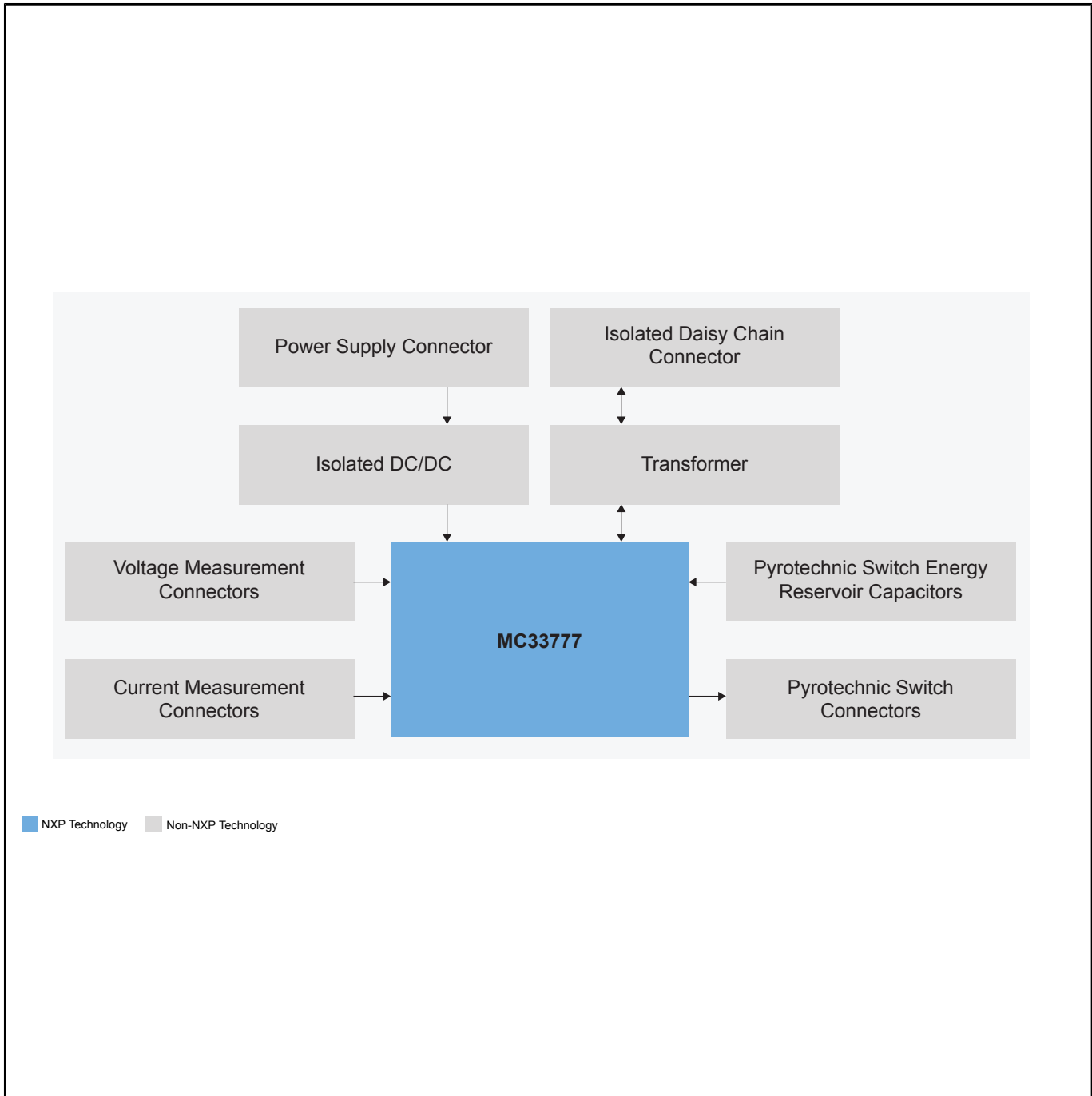
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The EVBMA777T is the primary evaluation board for the MC33777 battery junction box device family.

- The EVBMA777T2 integrates the MC33777A
- The EVBMA777T3 integrates the MC33777B

The board is designed to support the development of battery junction box (BJB) systems for automotive and industrial applications. The MC33777 family provides ASIL D–capable current measurement, high accuracy voltage sensing, and pyrotechnic switch control, enabling safety critical energy management architectures. This evaluation board is ideal for exercising all IC features, validating system behavior and developing the associated software. Communication is implemented through an isolated daisy chain interface.

EVBM777T Block Diagram



View additional information for [MC33777 Battery Junction Box Evaluation Board](#).

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