# 24 and 26-Channel Li-Ion Battery Cell Controller IC ASIL D

## BMA712X NEW

**Preproduction**

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information please contact your sales representative.

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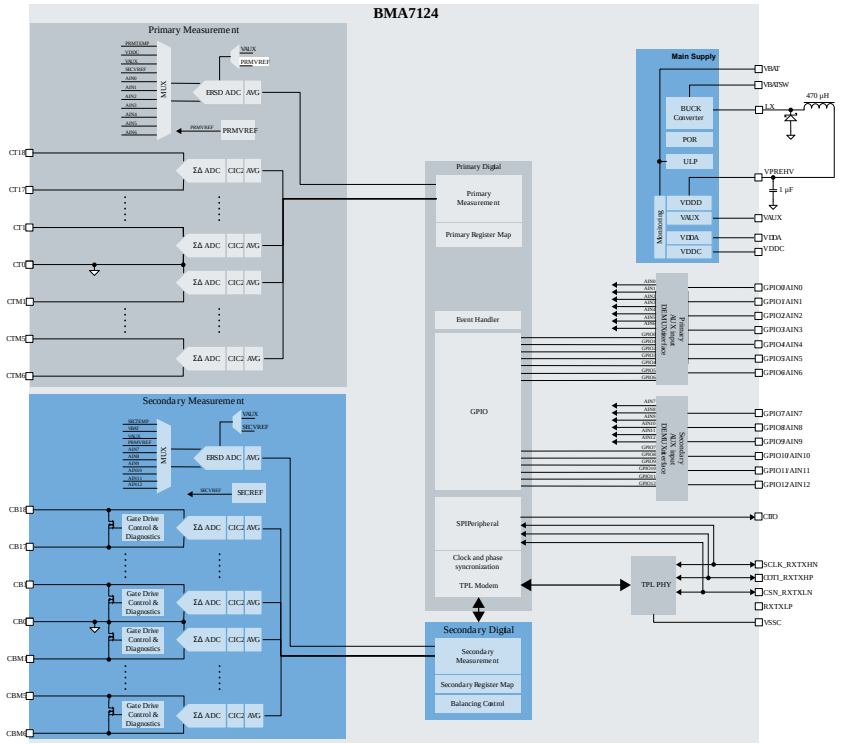
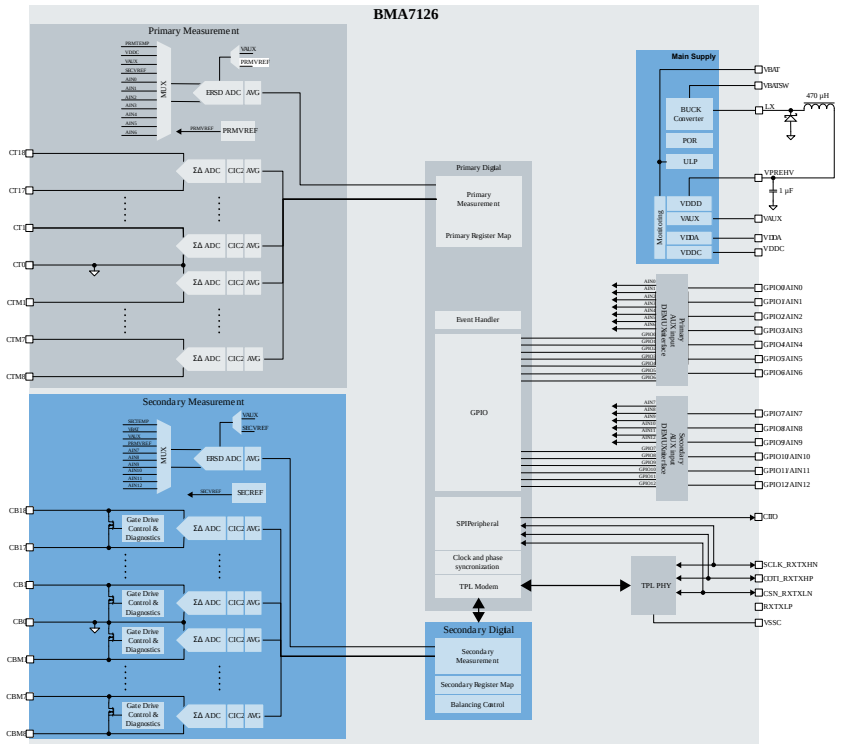
The BMA7124 and BMA7126 are automotive lithium-ion battery cell controllers (BCCs) integrated circuits (ICs) supporting 24 and 26 cells, respectively, with high-accuracy analog-to-digital controllers (ADCs) on each voltage channel. This family of products offer the BMA742x variants with a discrete fourier transform (DFT) engine for electrochemical impedance spectroscopy (EIS). All the devices share pin compatibility and a shared software platform to enable a cost-effective EIS upgrade path. These consume only 4 mA (typ.) and support ASIL D functional safety.

## BMA7124 Block Diagram




## BMA7126 Block Diagram




View additional information for 24 and 26-Channel Li-Ion Battery Cell Controller IC ASIL D.

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