



18-Channel Li-Ion Battery Cell Controller IC

BMA7318-BMI7318-BMA7518

Preproduction

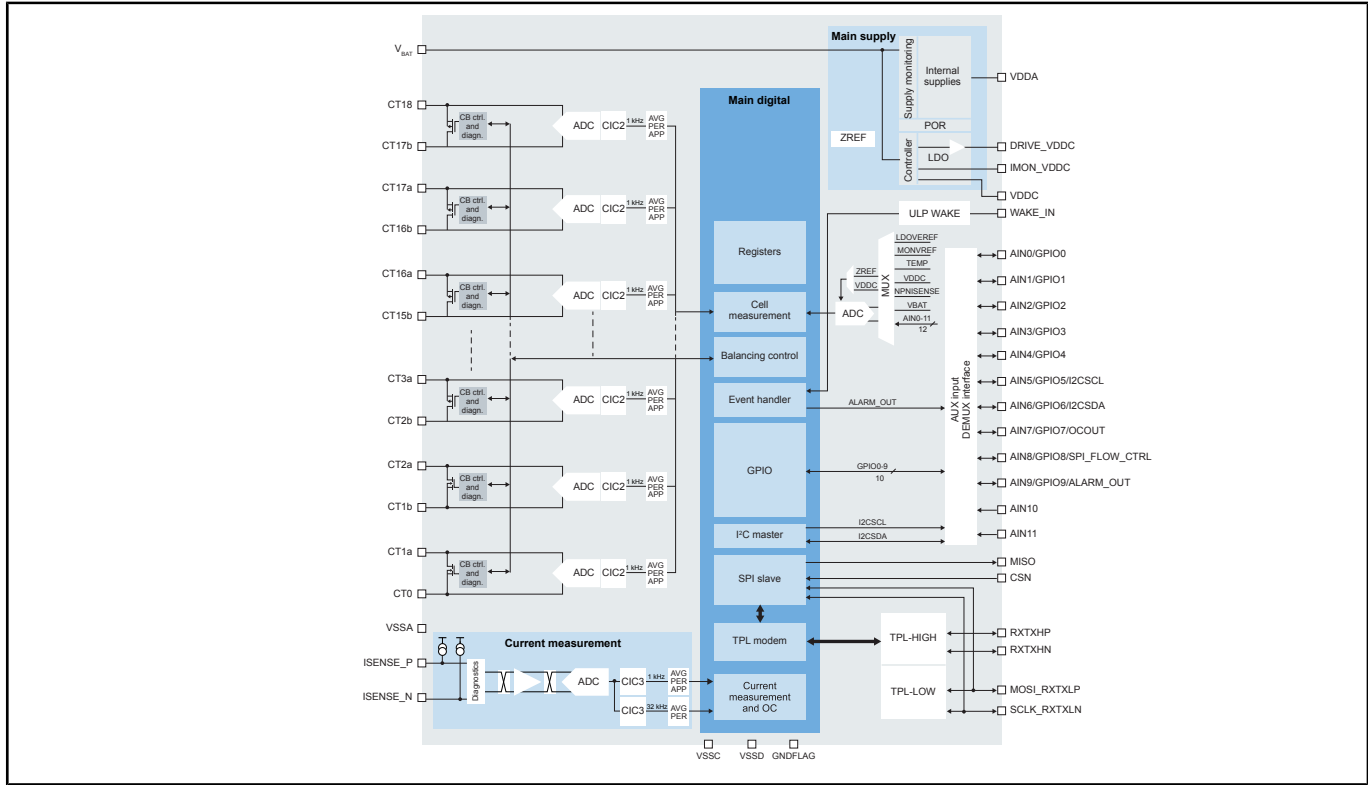
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The BMA7318 is a Li-ion battery cell controller IC designed specifically for automotive HVBMS, industrial ESS and 48 V.

- Monitoring of up to 18 Battery Cells and 12 temperatures
- Configurable averaging of cell voltage measurements (Digital Filtering)
- Onboard balancing up to 300 mA
- Integrated current measurement
- Integrated communication bridge (SPI2TPL) and robust isolated 2.0 Mbps communication
- Up to 25 yrs ESS application lifetime with extended mission profile (EMP)
- Product family approach PIN2PIN compatibility BMA7318 and BMI7318 devices

BMA7318-BMI7318-BMA7518 Block Diagram



View additional information for [18-Channel Li-Ion Battery Cell Controller IC](#).

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