

# General-Purpose Battery Management System Communication Gateway

## BMX6X02

#### Preproduction

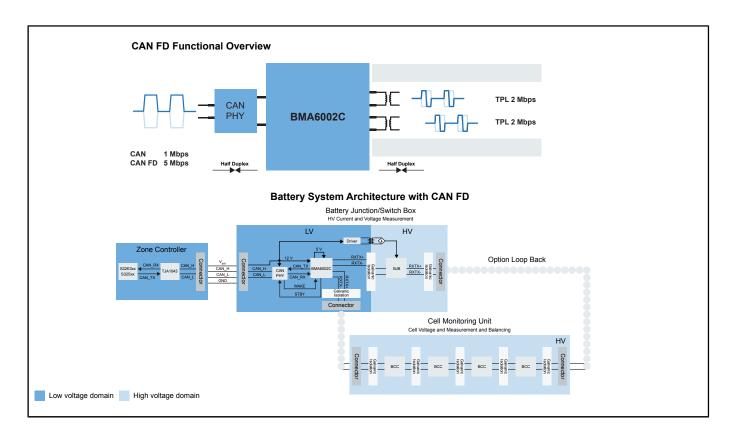
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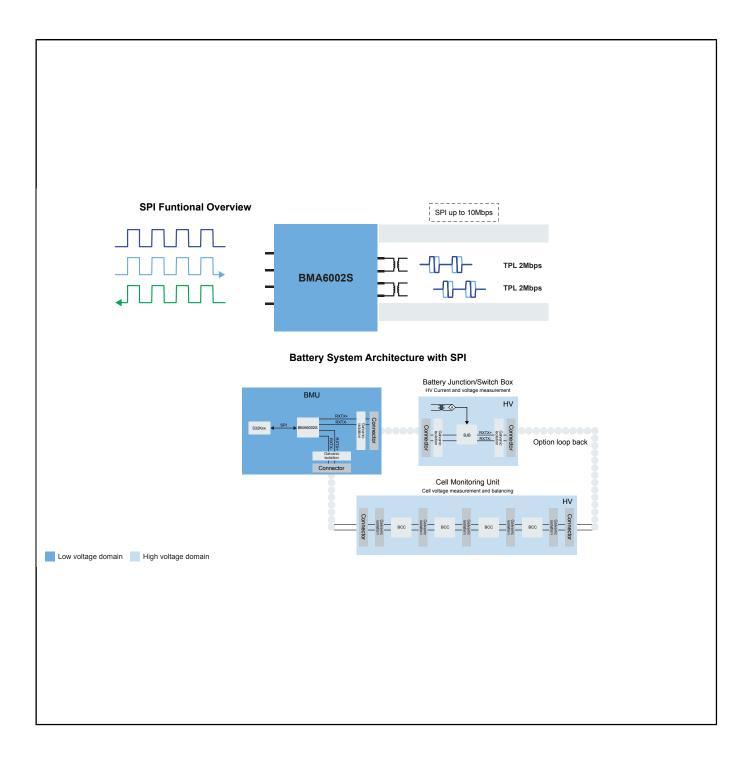
The BMA6002 is a General-Purpose battery management communication gateway and transport protocol link (TPL) transceiver. The device forwards messages upcoming from different TPL (isolated daisy chain protocol of NXP) ports through a standard communication protocol. The standard communication protocol ensures compatibility with most microcontrollers available in the market.

The BMA6002 is designed as a gateway for serial peripheral interface (SPI) or CAN (FD) to TPL. Integrated Serial interface to control external devices. The BMA6002 provides two TPL daisy chain ports to communicate with other isolated BMS devices in the daisy chain. Each daisy chain port supports capacitive and inductive isolated communication.

## **BMA6002C Block Diagram**



### **BMA6002S Block Diagram**



View additional information for General-Purpose Battery Management System Communication Gateway.

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