



Product Data Sheet

Master-Slave Battery Management System

Relevant EVCS SKU numbers: BMS004, BMS010, BMS100, BMS200

Description:	
Master Slave battery management system	
	Typical Applications
	• Automotive • Energy Storage • Offroad applications

Key Specifications

Main chip: Infineon TC234L, 32 bit Microcontroller
Frequency: Up to 200MHz of Main Frequency
Interface Resources:
Power Wake-up: 1 channel of RTC wake-up, 3 channels of highly effective wake-up, 2 channels of low effective wake-up, 1 channel of CAN wake-up
Input Signals: 4 channels of NTC resistance, 6 channels of 0-5V, 1 channel of diverter acquisition., 3 channels of highly effective digital input, 3 channels of PWM input.
Output Signals: 2 channels of PWM output, 9 channels of high side driver, 4 channels of low side driver.
Power Output: 1 channel of 5V power supply, 1 channel of 12V power supply.
Communication Bus: 3 channels of CAN, 1 channel of RS232.
Support Hall sensors and splitters that support AD or CAN bus interfaces, 6 channels of high-voltage positive electrode acquisition, 4 channels of high voltage negative electrode acquisition, and 9 channels of high side relay control.
Support thermal management system and charge/discharge control and etc
Satisfaction and Support:
Degrees of protection: IEC60529-IP54
Application: Battery Electric vehicles, hybrid electric vehicles, energy storage in 12v power supply system.



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Note: These products may require software configuration for your system. **This is a one off additional cost.** Please contact EVCS to discuss your requirements.

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