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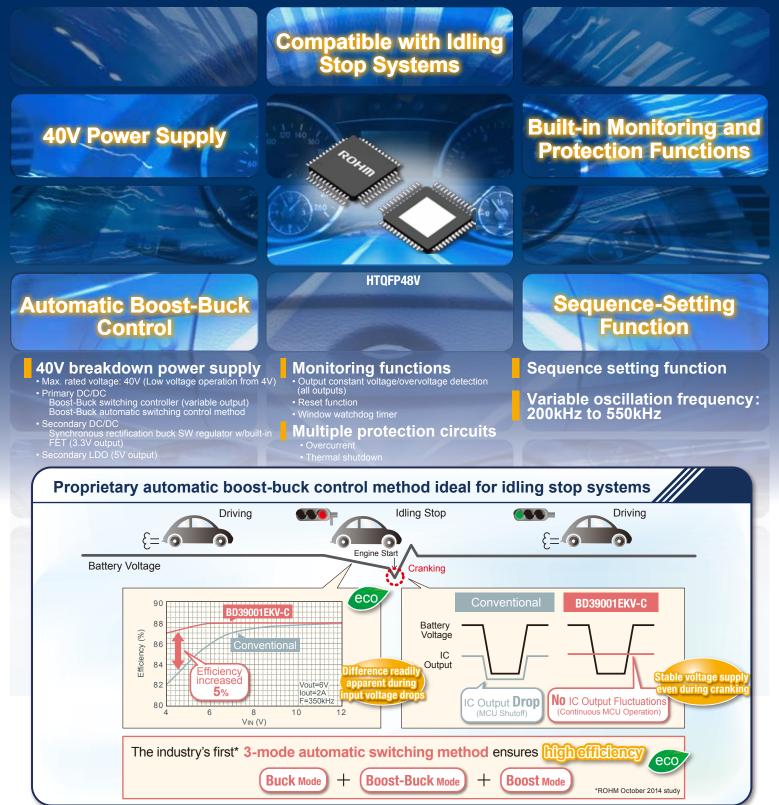
ROHM

AEC-Q100 Qualified

Automotive-Grade System Power Supply ICs

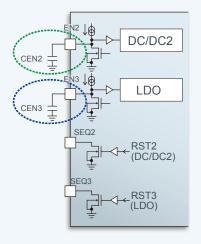
BD39001EKV-C

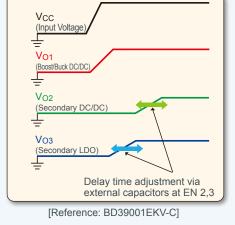
General-Purpose System Power Supply ICs for High Performance Automotive MCUs



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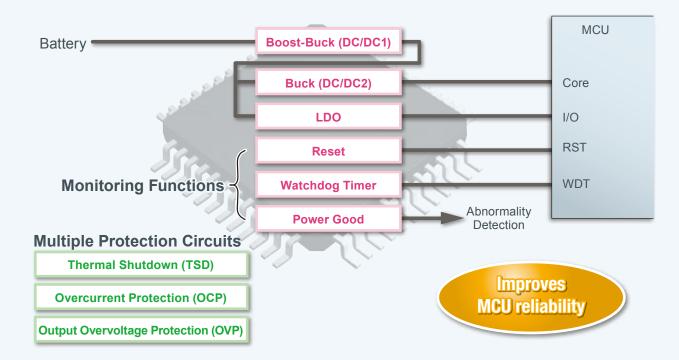
Startup sequence setting function supports a variety of MCUs







Monitoring and protection functions ensure worry-free operation



Lineup Input Output Oscillator Sequence Reset Part No. Package Voltage CH2 Frequency Setting Function CH1 CH3 Buck DC/DC LDO 5V(0.6A) New BD39001EKV-C CH2 HTQFP48V 3.3V (0.9A) Variable Buck DC/DC 1.23V (0.9A) CH3 $(9.0 \times 9.0 \times 1.0 \text{mm})$ 4 to 30V ☆BD39000EKV-C Boost-5V(0.6A) 200kHz (40V 0 Buck DC/DC I DO to 550kHz ☆BD39002EFV-C Breakdown) HTSSOP-B30 5V(0.6A) (External FET) CH3 LDO (10.0 × 7.6 × 1.0mm) _ ☆BD39004EFV-C 3.3V(0.6A) ☆ Under development

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