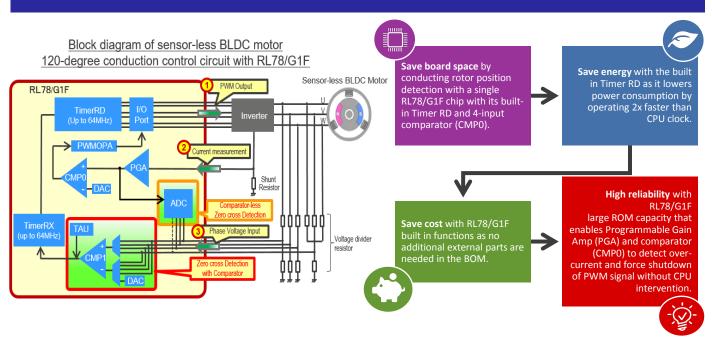






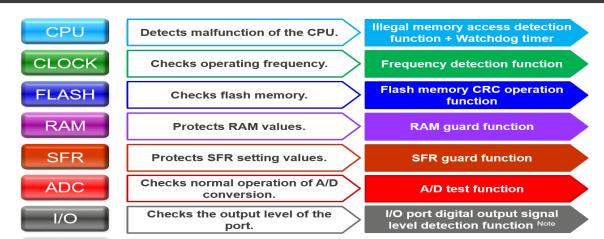
Sensorless 3 phase BLDC motor rotates at high speed to meet the suction strength of each power level - High (50krpm) and Low (30krpm). 120-degree conduction control is driven with a single **RL78/G1F MCU** that enables efficient use of board space and resolves problems in sensorless motor to realize a highly efficient system that saves energy with smooth and high torque startup without any compromises in safety.

EFFICIENT USE OF BOARD SPACE AND COST WITH BUILT IN FUNCTIONS



MCU AND ANALOG COMBINES TO PROVIDE A HIGH LEVEL OF SAFETY DESIGN

Safety functions provided by MCU - RL78/G1F



Safety functions provided by Li-ion battery monitor IC - ISL94202



Monitors cell current and voltage to provide over-current, over-voltage and under-voltage protection.

Controls battery charge and discharge

Monitors temperature

CHECK OUT THE FOLLOWING FOR MORE INFORMATION







Circuit Diagram

<u>Video</u>

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