

ENERGY SAVING IN AN EFFICIENT WAY

Find out how to with Handy Vacuum Cleaner Quick Solution





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 Li-ion battery monitor IC – ISL94202



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



Controls battery charge and discharge



Monitors temperature

CHECK OUT THE FOLLOWING FOR MORE INFORMATION



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