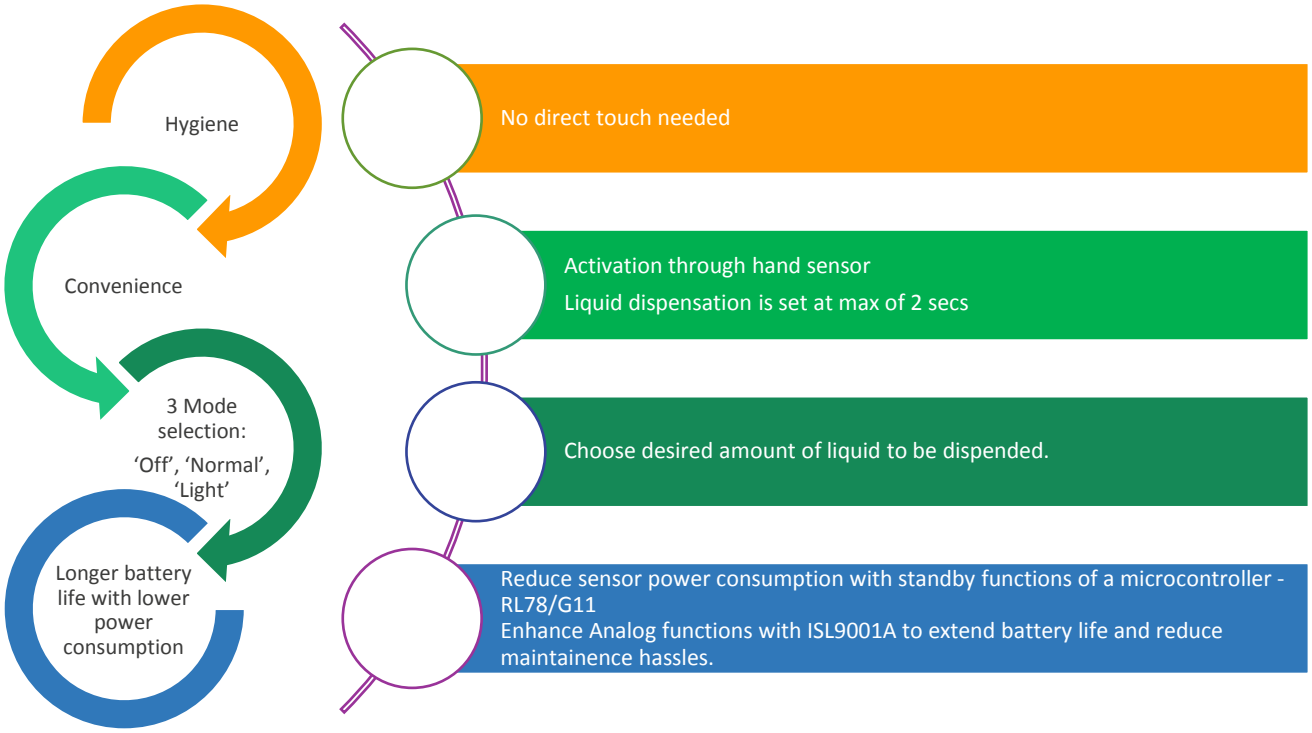
RENESAS
BIG IDEAS FOR EVERY SPACE

Automatic Liquid Dispenser brings you a new lifestyle

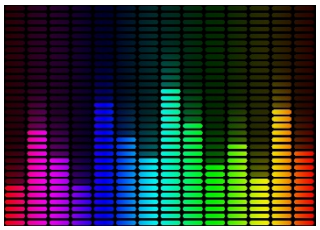


SAVE ENERGY WITH LOWER SENSOR POWER CONSUMPTION

BE GREEN

Standby mode reduces sensor power consumption and **RL78/G11** MCU could operate many peripheral functions at standby mode. For instance, a combination of the Stop and Snooze modes can be used to monitor sensor output and enable triggering of an alarm signal during standby. Hence, low battery voltage alert could be activated while the MCU drives the sensor to detect hand motion every half a sec.

REDUCE POWER CONSUMPTION AND EXTEND BATTERY LIFE WITH ANALOG PRODUCT



RL78/G11 has four kinds of flash operation modes that optimize the operation voltage, timing, and current of the internal circuitry. The current consumption of the microcontroller can be effectively minimized by selecting the appropriate mode according to the power supply voltage range and clock frequency used. Together with **ISL9001A** that regulates a wide input voltage range (2.3V~6.5V) while featuring extremely low quiescent current, helps to extend battery life of the circuit further.

CHECK OUT THE FOLLOWING FOR MORE INFORMATION

Home page

Circuit Diagram

Video

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