

## SGM66099超低功耗同步升压芯片，PIN对PIN-PC8609

产品名称	SGM66099超低功耗同步升压芯片，PIN对PIN-PC8609
公司名称	深圳市宝安区新安集芯微电子商行
价格	.00/件
规格参数	
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### 产品详情

The PC8609 is a synchronous step-up converter with 0.65  $\mu$  A ultra low quiescent current. It is designed for products powered by alkaline battery, NiMH rechargeable battery, Li-Mn battery or rechargeable Li-Ion battery, for which high efficiency under light load condition is critical to achieve long battery life operation. The PC8609 step-up converter only consumes 0.65  $\mu$  A quiescent current under light load condition and can achieve up to 75% efficiency at 10  $\mu$  A load with fixed output voltage version. It can also support up to 300mA output current from 3.3V to 5V conversion, and achieve up to 93% efficiency at 200mA load. The PC8609 also offers both down mode and pass-through operation for different applications. In down mode, the output voltage can still be regulated at target value even when input voltage is higher than output voltage. In pass-through mode, the output voltage follows input voltage. The PC8609 exits down mode and enters into pass-through mode when  $V_{IN} > V_{OUT} + 0.3V$ . The PC8609 supports true shutdown function when it is disabled, which disconnects the load from the input supply to reduce the current consumption. The PC8609 offers both adjustable output voltage version and fixed output voltage versions. It is available in Green WLCSP-1.22  $\times$  0.83-6B and TDFN-2  $\times$  2-6AL