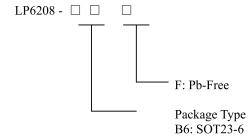


# Tink Package, High Efficiency Boost DC/DC Regulator

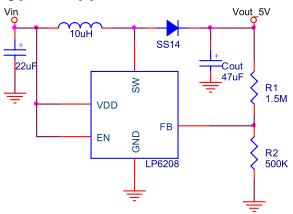
#### **General Description**

The LP6208 is high efficiency, PWM step-up DC/DC converters optimized to provide a high efficiency solution to medium power system. the devices work under the input voltage between 1.0V and 5V with a 450KHz fixed frequency switching. These features minimize overall solution footprint by allowing the use of tiny, low profile inductors and ceramic capacitors.

#### **Ordering Information**



## **Typical Application Circuit**



Vout = (R1/R2+1)\*1.212 V

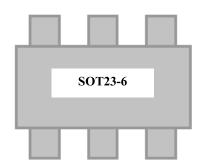
## **Applications**

- ♦ AIK. Battery products
- ♦ Li-ion Battery products
- ♦ Host application

#### **Features**

- ♦ Up to 85% efficiency
- ♦ Low voltage start-up:1.0V
- ♦ Shut-down current:<1uA</p>
- ♦ 14uA Quiescent(Switch-off) Supply
- Low switch on resistance Rps(ON),Internal switch:0.3 OHM
- ♦ High switch on current:1.5A
- ♦ 450KHz fixed frequency switching
- ♦ Available in SOT23-6 Package

#### **Pin Configurations**



## **Marking Information**

Please see website.