

ME3101 同步DC-DC降压转换器IC 笔记本电脑数码相机芯片

产品名称	ME3101 同步DC-DC降压转换器IC 笔记本电脑数码相机芯片
公司名称	深圳市卓立升电子科技有限公司
价格	面议
规格参数	类型:其他IC 品牌:MICRONE 型号:ME3101
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产品详情

me3101 series500ma synchronous step-down dc/dc converters

description : me3101 series is a group of synchronous rectification type dc/dc converters with a built-in 0.6p-channel driver transistor and 0.7n-channel switching transistor, designed to allow the use of ceramic capacitors. the ics enable a high efficiency, stable power supply with an output current of 500ma to be configured using only a coil and two capacitors connected externally. with the built-in oscillator, oscillation frequency is 1.2mhz.as for operation mode, the me3101 series can be manually switched with automatic pwm/pfm switching control mode, allowing fast response, low ripple and high efficiency over the full range of load (from light load to high output current conditions). during standby, all circuits are shutdown to reduce current consumption to as low as 1.0 μ a or less.

feature : z synchronous step-down dc/dcz high efficiency :93%(typ)z low ripple voltage :10mvz output current :500maz oscillation frequency :1.2mhz z pwm/pfm automatic switching controlz maximum duty ratio :100%z ceramic capacitor compatiblez ultra small packages :sot-23-5lz soft-start circuit built-in

typical application:z mobile phones (pdc, gsm, cdma, imt200etc.)z bluetooth equipmentz pdaz portable communication modemz portable gamesz camerasz digital camerasz cordless phonesz notebook computers

本产品的类型是其他IC，品牌是MICRONE，型号是ME3101，封装是SOT23-5