

MCP1703T-5002E/MB全新原装常备深圳现货

产品名称	MCP1703T-5002E/MB全新原装常备深圳现货
公司名称	深圳市惠利晟科技有限公司
价格	1.60/PCS
规格参数	品牌:MICROCHIP 型号:MCP1703 产地:TW
公司地址	深圳市福田区华强北街道华航社区深南中路3006号佳和华强大厦5层5C219号
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产品详情

MCP1703T-5002E/MB MICROCHIP 9000PCS 全新原装常备深圳现货

The MCP1703T-5002E/MB is a CMOS low dropout Voltage Regulator that can deliver up to 250mA of current while consuming only 2A of quiescent current (typical). The input operating range is specified from 2.7 to 16V, making it an ideal choice for two to six primary cell battery-powered applications, 9V alkaline and one or two cell Li-ion-powered applications. It is capable of delivering 250mA with only 625mV (typical) of input to output voltage differential ($V_{OUT} = 2.8V$). The output voltage tolerance of the MCP1703 is typically $\pm 0.4\%$ at $+25^\circ C$ and $\pm 3\%$ maximum over the operating junction temperature range of -40 to $125^\circ C$. Line regulation is $\pm 0.1\%$ typical at $+25^\circ C$. Output voltages for the MCP1703 range from 1.2 to 5.5V. The LDO output is stable when using only 1F of output capacitance. Ceramic, tantalum or aluminium electrolytic capacitors can all be used for input and output.

250mA for output voltages $\geq 2.5V$

200mA for output voltages $< 2.5V$

Stable with 1 to 22F ceramic, tantalum or aluminium output capacitors

Short-circuit protection

Over-temperature protection

应用

电源管理, 消费电子产品, 传感与仪器

警告

静电敏感设备, 在处理设备时请采取适当的预防措施.