

2路 PWM单片机 MDT10P611

产品名称	2路 PWM单片机 MDT10P611
公司名称	深圳市美芯微电子有限公司
价格	.80/片
规格参数	品牌:麦肯 型号:MDT10P611 封装:SOP-14
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产品详情

mdt10p611 1. general description this eprom-based 8-bit micro-controller uses a fully static cmos technology process to achieve higher speed and smaller size with the low power consumption and high noise immunity. on chip memory includes 1k words of rom, and 64 bytes of static ram. 2. features the followings are some of the features on the hardware and software: fully cmos static design 8-bit data bus on chip rom size: 1k words (000h~3ffh) internal ram size: 64 bytes (10h~4fh) 37 single word instructions 14-bit instructions 8-level stacks operating frequency: dc~20mhz the most fast execution time is 200ns under 20mhz in all single cycle instructions except the branch instruction addressing modes include direct, indirect and relative addressing modes power-on reset power-edge detector reset (2.0v) sleep mode for power saving 5 types of oscillator can be selected by programming option: intrc - internal 8mhz/4mhz/1mhz/455khz rc - low cost rc oscillator lfxt - low frequency crystal oscillator xtal - standard crystal oscillator hfxt - high frequency crystal oscillator 8-bit real time clock/counter (t0ci) with 8-bit programmable prescaler on-chip rc oscillator based watchdog timer(wdt) four interrupt source: -external int pin (pb0) -timer0 -pb5~1 interrupt on pin change -pa5~0 interrupt on pin change 3. applications the application areas of this mcu range from appliance motor control and high speed automotive to low power remote transmitters/receivers, small instruments, chargers, toy, automobile and pc peripheral ... etc.