

# GSM无线通信模块 M10 QUECTEL

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| 产品名称 | GSM无线通信模块 M10 QUECTEL              |
| 公司名称 | 天津瀚金盛芯科技有限公司                       |
| 价格   | 110.00/块                           |
| 规格参数 | 品牌:QUECTEL<br>型号:M10<br>信息传送内容:都可以 |
| 公司地址 | 南开区城厢中路与北城街交口西北侧尚佳新苑5-1-707        |
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## 产品详情

|        |                              |       |   |
|--------|------------------------------|-------|---|
| 品牌     | QUECTEL                      | 型号    | M10   |
| 信息传送内容 | 都可以                          | 电源电压  | 3.4~4.5 V 4.0V<br>nominal ( V )                 |
| 支持网络   | GSM/GPRS                     | 频段    | (2W @850/ 900 MHz)(1W<br>@1800/1900MHz) ( MHz ) |
| 发射功率   | 1/2 ( W )                    | 短信息模式 | 都可以   |
| 通讯接口型式 | SMT                          | 电话薄功能 | 有   |
| 外形尺寸   | 29mm x 29mmx<br>3.6mm ( mm ) |       |   |

the m10 is a complete quad-band gsm/gprs solution in ansmtd type which can be embedded in customer application, offering the highest reliability and robustness. featuring an industry-standard interface, the m10 delivers gsm/gprs 850/900/1800/1900mhz performance for voice, sms, data, and fax in a small form factor and with extremely lowpower consumption. with a tiny configuration of 29mm x 29mmx 3.6mm, the m10 can fit into almost all the m2m applications, including vts, smart metering, wireless pos, security, etc. quad-band gsm/gprs module with a size of 29mmx29mmx3.6mm smd type suit for customer application embedded powerful internet service protocols based on mature and field-proven platform, backed up by our support service, from definition to design and production

### general features

quad-band 850/ 900/ 1800/ 1900 mhzgprs multi-slot class 12/10/8gprs mobile station class bcompliant to gsmphase 2/2+class 4(2w @850/ 900 mhz)class 1(1w @1800/1900mhz)supply voltage range 3.4~4.5 v 4.0v nominalallow powerconsumption1.1ma @ drx=50.7ma @ drx=9operationtemperature -45 ° c to +85 ° cdimensions 29mm x 29mm x 3.6mmweight approx 6gcontrol via at commands (gsm 07.07 ,07.05and other enhanced at commands)sim

application toolkit

specifications for fax

group 3, class 1 & 2

specifications for data

gprs class 12 max. 85.6 kbps (uplink & downlink) pbcch support coding schemes cs 1, 2, 3, 4 csd up to 14.4 kbps ussd non transparent mode protocols pptcp/ip http ftp mms

specifications for sms via gsm /gprs

point-to-point mo and mt sms cell broadcast text and pdu mode

specifications for voice

speech codec modes half rate (hr) full rate (fr) enhanced full rate (EFR) AMR half rate AMR full rate echo arithmetic echo cancellation echo suppression noise reduction hands-free operation

interfaces

external sim 3v/ 1.8v analog audio interfaces two channels RTC backup keypad interface LCD interface serial port and debug port antenna pad charge interface (optional) GPIOs

drivers

mux driver

compatibility AT cellular command interface

approvals CE FCC GCF PTCRB