

# 中兴MG3732 CDMA模块 MG3732

产品名称	中兴MG3732 CDMA模块 MG3732
公司名称	深圳楷棣科技有限公司
价格	1.00/片
规格参数	品牌:中兴 型号:MG3732 封装:LCC
公司地址	深圳市南山区高新园清华信息港科研楼1008
联系电话	0755-86537105 18603018084

## 产品详情

mg3732umts/hspa

产品可广泛应用于车载导航、金融pos、远程医疗、安防监控、平板电脑等多个领域。

联系人：熊 18603018084 qq1596587079

## 产品特点

36pin lcc接口，高可靠性和高稳定性，易于生产和维修。

支持高速usb2.0

支持usb休眠唤醒

功耗低

支持短信、数据、电话本功能。

支持内置tcp/ip协议栈；

支持uart口功能

支持标准的at指令集和中兴扩展at指令集

通过了fcc/ce/rohs/ccc/型号核准等国内国际认证

## 产品简介

mg3732是一款36pin邮票孔接口的hsupa

模块，支持hsdpa/umts/wcdma的900mhz,850mhz，1900mhz，和2100mhz四频，支持gsm/gprs/edge 850mhz，900mhz，1800mhz和1900mhz四频。数据业务最大最大下载速率可达3.6m。硬件单面布板，高集成设计，模块尺寸小，采用lcc邮票孔接口方式，此种接口易于客户的二次生产及维修，同时给客户提供了高可靠性的连接方式。

## 产品配置

hsupa/umts/wcdma:900/2100

gsm/gprs/edge 850mhz，900mhz，1800mhz和1900mhz

hsupa/umts/wcdma:850/1900/2100

gsm/gprs/edge 850mhz，900mhz，1800mhz和1900mhz

## 产品应用行业

根据不同的应用场景定义了丰富的接口定义，产品可广泛应用于车载导航、金融pos、远程医疗、安防监控、平板电脑等多个领域。

\* 支持高速usb2.0

\* 支持usb休眠唤醒

\* 功耗低

\* 支持短信、数据、电话本功能。

\* 支持内置tcp/ip协议栈；

\* 支持uart口功能

\* 通过了fcc/ce/rohs/ccc/型号核准等国内国际认证

general features

lcc form factor (36pin)

dimensions: 39.5 mm x 31.0 mm x 2.65 mm

weight: approx. 6.3grams

supply voltage range 3.3v-4.2v (3.8v is recommended)

frequency band

– wcdma/hsupa/hudpa 2100/1900/850(900)mhz

– gsm/gprs/edge 850/900/1800/1900mhz

electrical & sensitivity

transmit power:

– umts bands: 24 +2.5/-1.5 dbm (power class 3)

– gsm/gprs 850/900: 33+2.5/-0.5 dbm (power class 4)

– gsm/gprs 1800/1900: 30+2.5/-1.5 dbm (power class

– edge 850/900: 27+4.5/-1.5 dbm (power class e2)

– edge 1800/1900: 26+4.5/-2.5 dbm ;(power class e2)

receiving sensitivity:

– wcdma2100: -106.7 dbm

– wcdma1900/850: -104.7 dbm

– wcdma900: -103.7 dbm

– gsm850/900/1800/1900: -102 dbm

power consumption:

– standby (typical): 5ma@umts

– average: 525ma @ umts band 1, max. power

– average: 434ma @ umts band 2, max. power

– average: 165-263ma @ gsm, max. power

## interfaces

usb 2.0 high speed interface up to 480 mbps

sim card interface (1.8/3.0v dc)

led interfaces (x1, indication for net mode and net status)

uart (x1 8-wires uart)

main antenna (rf connector and pads)

wakeup(wakeup in and wakeup out)

power-on & power-off & reset

## applications

support embedded tcp & udp protocols

remote wakeup

network & band & sim lock

sms & mms

open ril code

stk

improved power-saving mode

sim phonebook

ras

support protocols pap and chap used for ppp connection

control via at commands according to 3gpp ts27.005, 27.007 and zte link extended at commands

## driver & tools

usb drivers for windows xp, windows vista, windows 7 , windows ce, windows mobile, linux, android

diag-log tool for windows, android, linux

firmware update tool

approvals & certifications

ccc, fcc, ce, rohs, cmiit

environmental

operation temperature:  $-30^{\circ}\text{c}$  to  $+75^{\circ}\text{c}$

storage temperature:  $-40^{\circ}\text{c}$  to  $+85^{\circ}\text{c}$

humidity: 5%~ 95%

data features

gsm cs: ul 9.6kbps/dl 9.6kbps

gprs: multi-slot class 10

edge: multi-slot class 12

wcdma cs: ul 64kbps/dl 64kbps

wcdma ps: ul 384kbps/dl 384kbps

hsdpa: dl 3.6 mbps (category 6)

sms features

support text and pdu mode

point to point mo and mt

sms status report sms centre address setting

management of sms: read, write, send, receive, delete, storage status, sms list, new sms alert