现货供应 Wifi模组 3.3V

产品名称	现货供应 Wifi模组 3.3V
公司名称	深圳拓联科技开发有限公司
价格	1.00/个
规格参数	品牌:中性 型号:CP318
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产品详情

top-cp318

现货

无线网卡pcba

型号：top-cp318

芯片：rtl8188cus

功率：15dbm;灵敏度：-73dbm;evm:<-28

usb接口，150mbps模块，3.3v供电，天线可内置也可外置

a. general description

top-cp318 is a wlan 11 b/g/n usb module, which fully supports the features and

functional compliance of ieee 802.11 b/g/n standards. it supports up to 150mbps high-speed wireless network connections. it is designed to provide excellent performance with low power consumption and enhance the advantages of robust system and cost-effective. it is targeted at competitive superior performance, better power management applications.

b. features

general

4-pins 1.5 x 1.2mm pin, total size 23 x 11.2 mm

ieee 802.11b/g/n compatible wlan

complete 802.11n solution for 2.4ghz band

72.2mbps receive phy rate and 72.2mbps transmit phy rate using 20mhz bandwidth

150mbps receive phy rate and 150mbps transmit phy rate using 40mhz bandwidth

compatible with 802.11n specification

backward compatible with 802.11b/g devices while operating in 802.11n mode

host interface

complies with usb specification revision 2.0

standards supported

ieee 802.11b/g/n compatible wlan

ieee 802.11e qos enhancement (wmm)

ieee 802.11h tpc, spectrum measurement

802.11i (wpa, wpa2). open, shared key, and pair-wise key authentication services

standards general specification

table 1. standards general specification

model	top-cp318
product name	wlan 11b/g/n usb module

standard	802.11b/g/n, 802.3, 802.3u
data transfer rate	1,2,5.5,6,11,12,18,22,24,30,36,48,54,60,90,120 and maximum of 150mbps
modulation method	bpsk/ qpsk/ 16-qam/ 64-qam
frequency band	2.4ghz ism band
spread spectrum	ieee 802.11b: dsss (direct sequence spread spectrum) ieee 802.11g/n: ofdm (orthogonal frequency division multiplexing)
rf output power	< 13dbm@11n,< 19dbm@11b,< 14dbm@11g
operation mode	ad hoc, infrastructure
receiver sensitivity	11mbps -86dbm@8%,54mbps -73dbm@10%,130mbps

-66dbm@10%

operation range

led

os support

security

interface

power consumption

operating temperature

storage temperature

humidity

dimension

c. application

- mobile handsets
- personal digital assistants
- desktop and laptop personal computers
- automotive telematics systems
- computer peripheral devices (usb dongles)

symbol	parameter	minimum	typical	maximum	
vd33a, vd33d	3.3v i/o supply voltage	3.135	3.3	3.465	
idd33	3.3v rating current	-	-	150	

pin number	name	type	description
1	power	power	3.3v power input (5v is not allowed)
2	usb_d-	analog	usb differential signal
3	usb_d+	analog	usb differential signal
4	gnd	power	ground

table 4: ordering information

part number	interface	operating temperature range	moq(pcs)
ck-w-r188-ua	usb	-20 ° c to 50 ° c	1000

up to 180 meters in open space

na

windows xp /vista /mac /linux

wep, tkip, aes, wpa, wpa2

usb 2.0

dc3.3v maximum power dissipation in 150ma

-10 – 50 ° c ambient temperature

-15 ~ 70 ° c ambient temperature

5 to 90 % maximum (non-condensing)

23 x 11.2 x 3 mm (l x w x h)