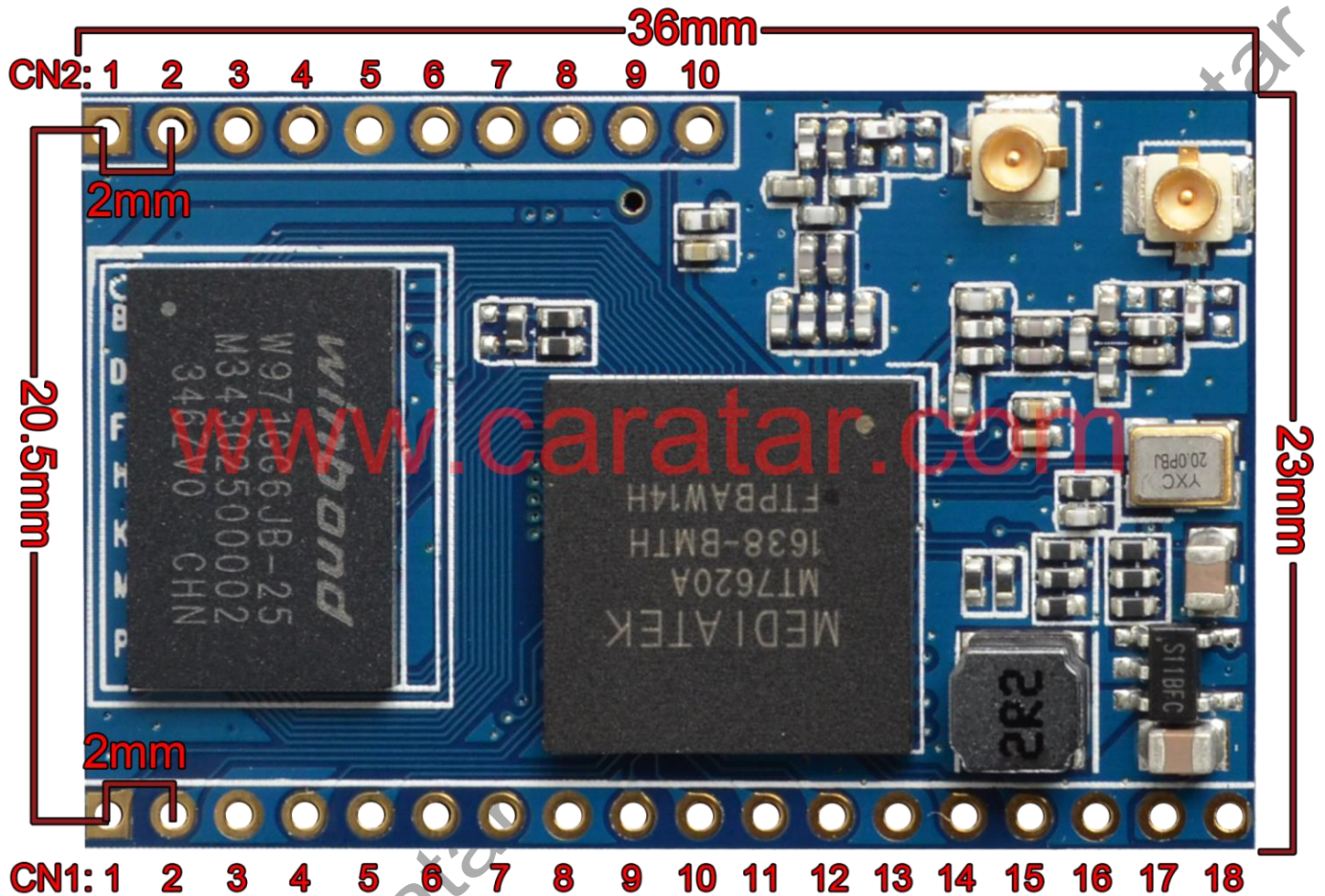




WM03-36x23 WiFi module

Product Specifications



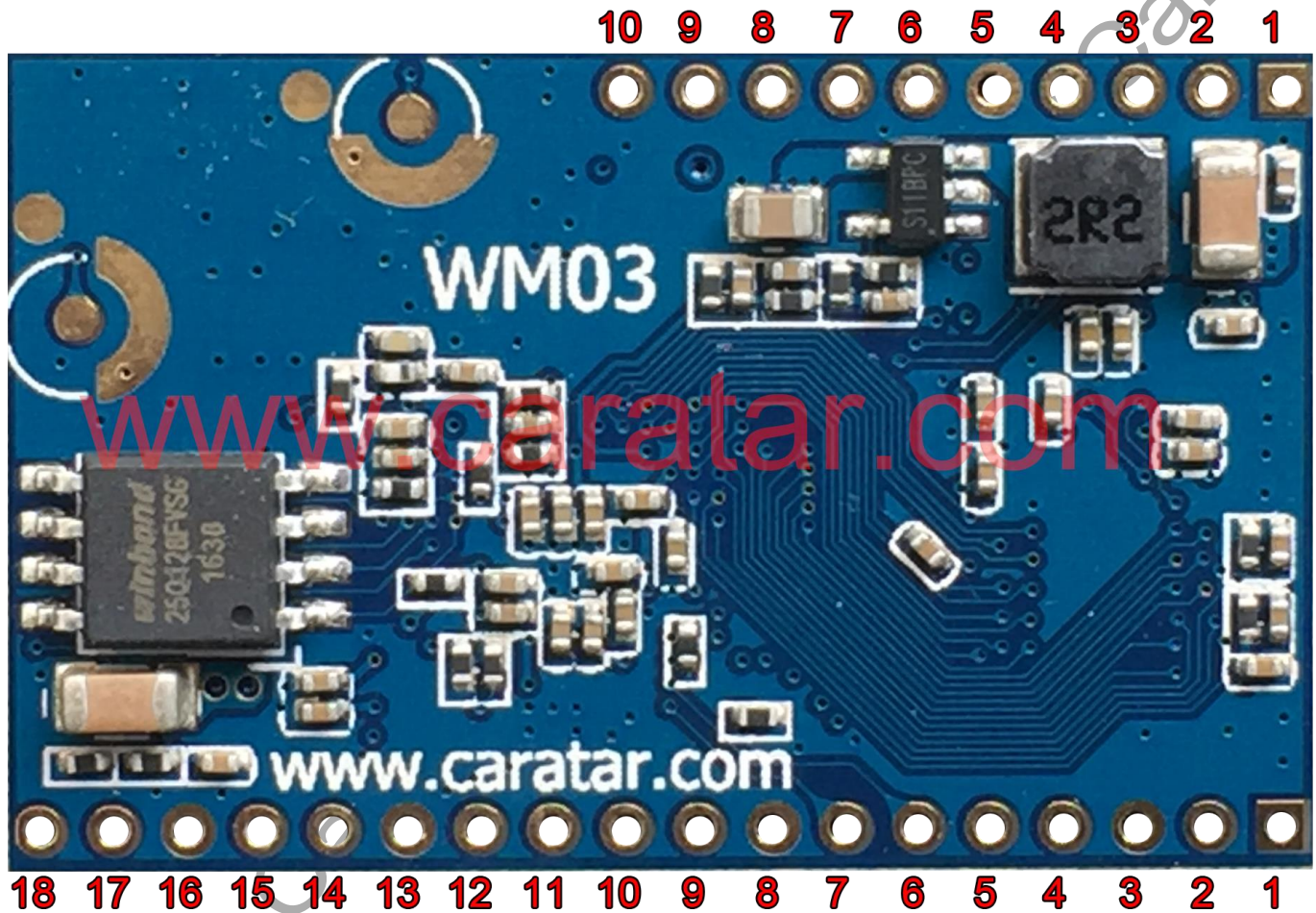
Pin Description:

CN1			
Pin	Description	Pin	Description
1	RXD2 (GPIO16)	10	WAN_RP4
2	TXD2 (GPIO15)	11	WAN_TN4
3	GND	12	WAN_TP4
4	LAN_TN3	13	GND
5	LAN_TP3	14	USB-
6	LAN_RN3	15	USB+
7	LAN_RP3	16	GND
8	GND	17	+3.3V
9	WAN_RN4	18	+3.3V



CN2			
1	RTS_N/I2S_CLK(GPIO7)	6	I2C_SCLK(GPIO2)
2	TXD/I2S_WS(GPIO8)	7	I2C_SD(GPIO1)
3	RXD/I2S_SDI(GPIO10)	8	(GPIO46)
4	CTS_N/I2S_SDO(GPIO9)	9	(GPIO48)
5	GND	10	WDT_RST_N/REFCLK0_OUT(GPIO17)

Bottom side:



Product features

- Embedded MIPS 24KEc 580MHz with 32KB I cache/16KB D cache
- 16-bit SDRAM up to 64Mbytes, 16-bit DDR1/2 up to 128/256 Mbytes
- 2T2R 2.4GHz with 300 Mbps PHY data rate
- Legacy 802.11b/g and HT 802.11n modes
- 20/40 MHz channel bandwidth
- Multiple BSSID(up to 16)



- Hardware NAT with IPv6 and 2 Gbps wired speed
- WEP64/128,TKIP,AES,WPA,WPA2,WAPI
- QoS:WMM,WMM-PS
- WPS:PBC,PIN
- Voice Enterprise:802.11k+r
- WDS wireless bridge
- 2 port 10/100 Mbps Ethernet switch(WAN/LAN)
- USB 2.0 host/device dual mode, Support 3G/4G module
- Green products

Specification

Wireless Access Point	Transmission standard	802.11b/g /n
	Frequency	2.4GHz
	Mode	2T2R
	Data rate	Up to 300Mbps PHY
	Multiple BSSID	Up to 16 channel
	Wi-Fi security	WEP64/128,TKIP,AES,WPA,WPA2,WAPI
	WPS	Support(PBC,Pin)
	WDS bridge	Support
	Qos	WMM, WMM-PS
	Voice enterprise	802.11k+r
	Network protocol	TCP/IP,UDP,HTTP,ARP,DHCP,ICMP,NAT,DNS,PPPoE,FTP
Wired Ethernet	Port Interface	WAN/LAN : 10/100 Mbps Ethernet switch
3G/4G	3G/4G interface	Support 3G/4G module by USB2.0 interface
	USB storage	Support USB mass storage
General	Power	DC 3.3V
	Power consumption	0~1W
	Operating temperature	-40 to+85 °C
	Storage temperature	-45 to+85 °C
	Operating humidity	20- 80%RH
	Storage humidity	20- 95%RH
	Weight	< 7gram
	Dimension	36mm x 23mm x 6mm(L*W*H)