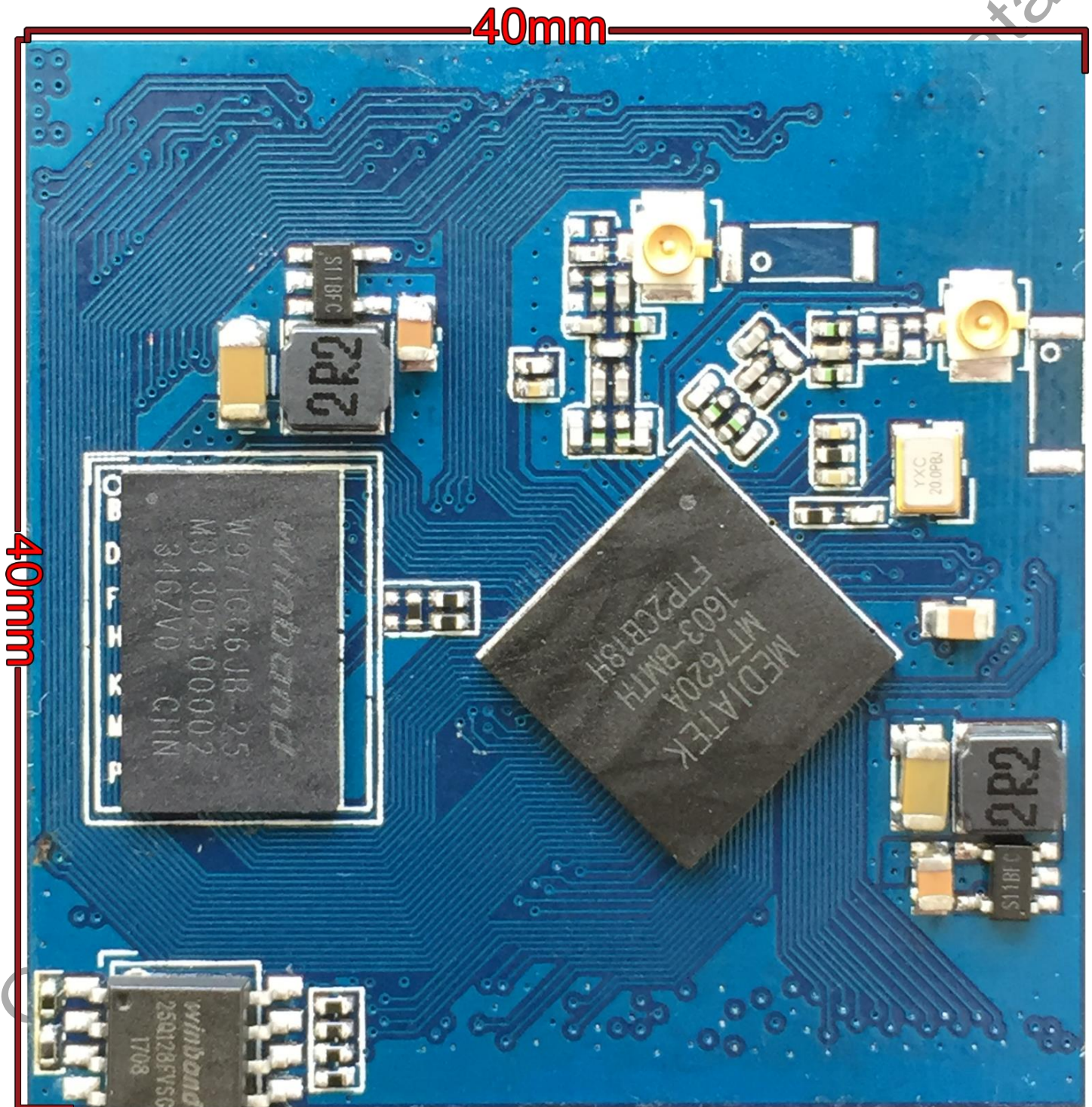
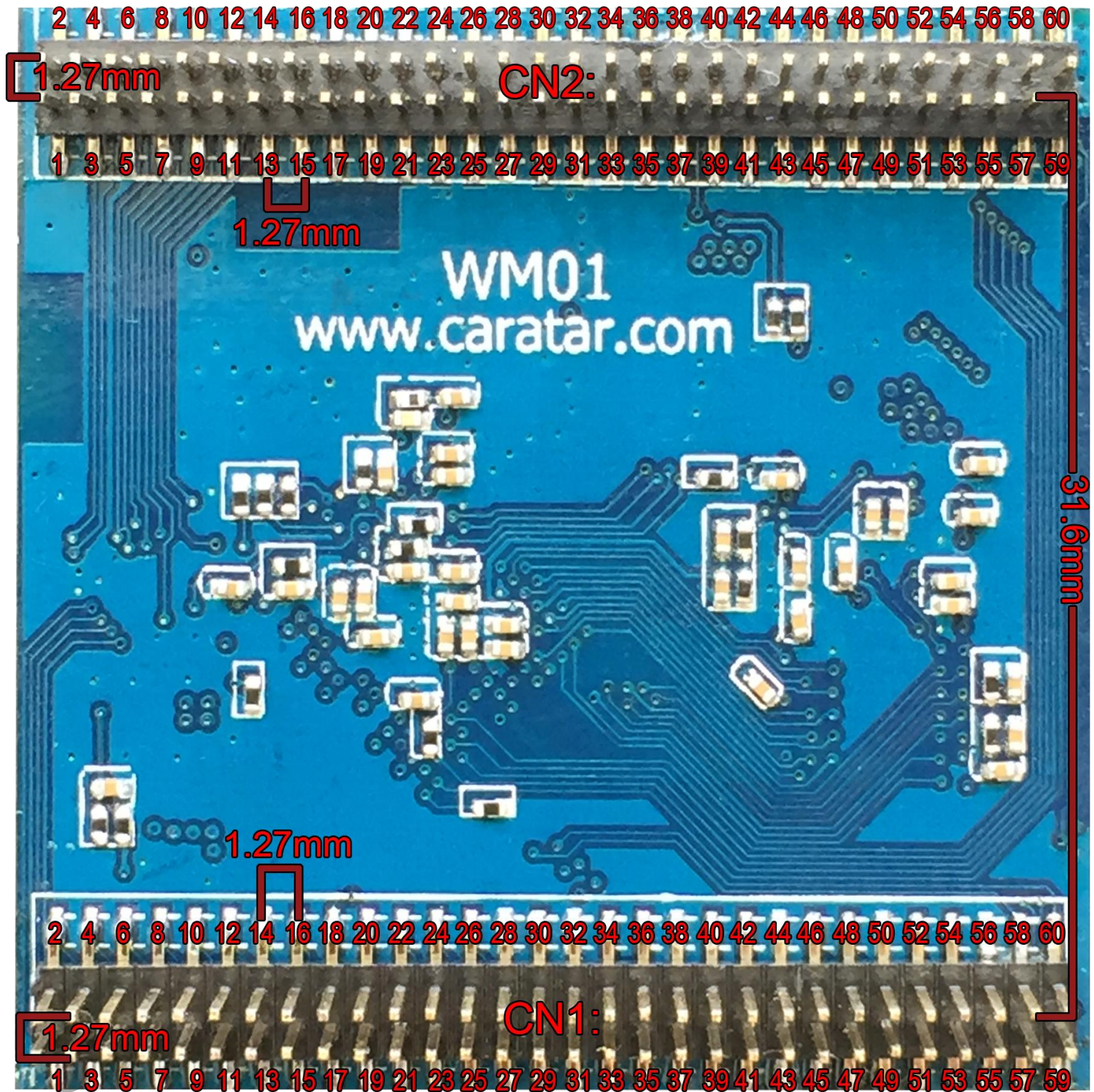




WM01-40x40 WiFi module

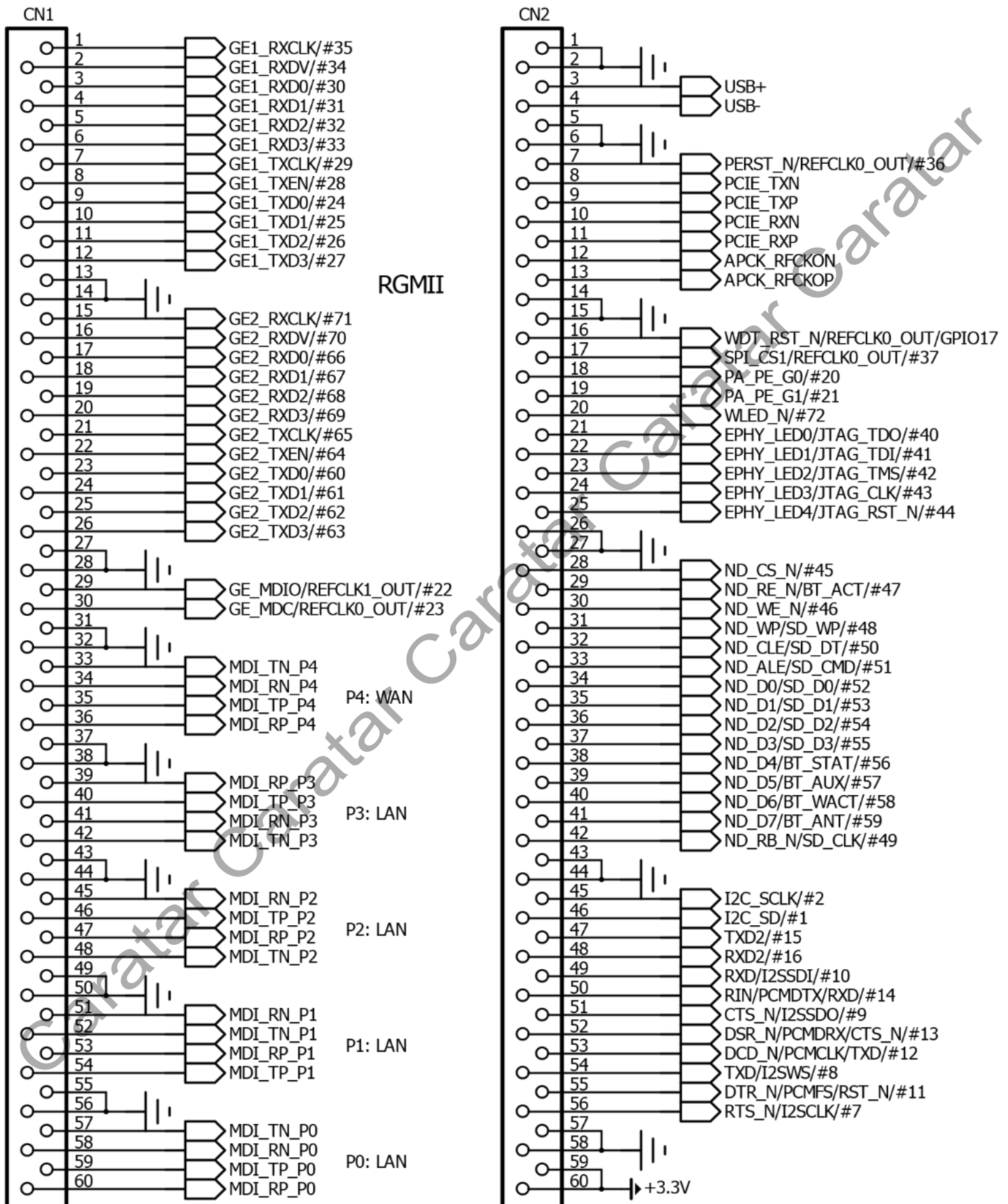
Product Specifications







Pin Description :





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
- 5-port 10/100 Mbps Ethernet switch(WAN/LAN)
- 2 RGMII
- USB 2.0 host/device dual mode, Support 3G/4G module
- PCIe host/device
- SPI, Nand Flash, SD-HC
- 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
Data interface	USB 2.0	Support USB mass storage
	PCIe	PCIe host/device
	SPI	SPI flash
	Nand	Nand flash
	SD-HC	SD/TF card
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	40mm x 40mm x 6mm(L*W*H)