

| Module:MT-WN731NM |                |           |   |      |                                  |        |  |
|-------------------|----------------|-----------|---|------|----------------------------------|--------|--|
| PART LIST         |                |           |   |      |                                  |        |  |
| No.               | Part Num.      | Part Type | Description   | Quan | Reference                        | Remark |  |
| 1                 | 13.P4N731NM434 | PCB       | MT-WN731NM-V4.0 L4 FR4 28*12.5*1.0mm                                    | 1    |                                  |        |  |
| 2                 | 08.A67601U0QDU | IC        | IC WLAN NIC MT7601U QFN-40 MEDIATEK                                     | 1    | U4                               |        |  |
| 3                 | 02.R10000J22C0 | 贴片电阻      | RES 0Ω ±5% 1/16W SMD 0402   | 2    | R3,R20                           |        |  |
| 4                 | 02.R197R6F11C0 | 贴片电阻      | RES 97.6Ω ±1% 1/20W SMD 0201  | 1    | R19                              |        |  |
| 5                 | 02.R10202J11C0 | 贴片电阻      | RES 2KΩ ±5% 1/20W SMD 0201  | 2    | R17,R18                          |        |  |
| 6                 | 02.R10342F11C0 | 贴片电阻      | RES 3.4KΩ ±1% 1/20W SMD 0201  | 1    | R16                              |        |  |
| 7                 | 02.R10822F11C0 | 贴片电阻      | RES 8.2KΩ ±1% 1/20W SMD 0201  | 1    | R15                              |        |  |
| 8                 | 02.R10243F22C0 | 贴片电阻      | RES 24KΩ ±1% 1/16W SMD 0402   | 1    | R107                             |        |  |
| 9                 | 02.R10104F22C0 | 贴片电阻      | RES 100KΩ ±1% 1/16W SMD 0402  | 1    | R14                              |        |  |
| 10                | 01.C1R509B72B2 | 贴片高频电容    | CAP MLCC 0.5pF NPO ±0.1pF 50V 0402(GRM1555C1HR50BA01D)(muRata)          | 1    | C240                             |        |  |
| 11                | 01.C11R09C71B2 | 贴片高频电容    | CAP MLCC 1.0pF NPO ±0.25pF 50V 0201(GRM0335C1H1E0CD01D)(muRata)         | 1    | C215                             |        |  |
| 12                | 01.C11R09C72B2 | 贴片高频电容    | CAP MLCC 1.0pF NPO ±0.25pF 50V 0402(GRM1555C1H1R0CA01D)(muRata)         | 2    | C237,C238                        |        |  |
| 13                | 01.C11R29C72B2 | 贴片高频电容    | CAP MLCC 1.2pF NPO ±0.25pF 50V 0402(GRM1555C1H1R2CA01D)(muRata)         | 2    | C96,C105                         |        |  |
| 14                | 01.C12209J71B2 | 贴片高频电容    | CAP MLCC 22pF NPO ±5% 50V 0201(GRM0335C1H220JD01D)(muRata)              | 2    | C95,C102                         |        |  |
| 15                | 01.C12709J72B2 | 贴片陶瓷电容    | CAP MLCC 27pF NPO ±5% 50V 0402(GRM1555C1H270JA01D)(muRata)              | 1    | C12                              |        |  |
| 16                | 01.C16801J71C0 | 贴片陶瓷电容    | CAP MLCC 68pF NPO ±5% 50V 0201  | 1    | C38                              |        |  |
| 17                | 01.C13323K41C0 | 贴片陶瓷电容    | CAP MLCC 3.3nF X7R ±10% 16V 0201  | 1    | C52                              |        |  |
| 18                | 01.C13923K41C0 | 贴片陶瓷电容    | CAP MLCC 3.9nF X7R ±10% 16V 0201  | 1    | C50                              |        |  |
| 19                | 01.C11042K31C0 | 贴片陶瓷电容    | CAP MLCC 0.1uF X5R ±10% 10V 0201  | 1    | C98                              |        |  |
| 20                | 01.C11042K42C0 | 贴片陶瓷电容    | CAP MLCC 0.1uF X5R ±10% 16V 0402  | 8    | C48,C49,C56,C57,C58,C93,C97,C103 |        |  |
| 21                | 01.C11052M21C0 | 贴片陶瓷电容    | CAP MLCC 1uF X5R ±20% 6.3V 0201   | 2    | C99,C100                         |        |  |
| 22                | 01.C11052K32C0 | 贴片陶瓷电容    | CAP MLCC 1uF X5R ±10% 10V 0402  | 3    | C61,C82,C104                     |        |  |
| 23                | 01.C14752K33C0 | 贴片陶瓷电容    | CAP MLCC 4.7uF X5R ±10% 10V 0603  | 3    | C51,C84,C85                      |        |  |
| 24                | 01.C11062M23C0 | 贴片陶瓷电容    | CAP MLCC 10uF X5R ±20% 6.3V 0603  | 1    | C59                              |        |  |
| 25                | 03.L81R84S02BJ | 高频电感CHI   | CHIP Hifreq Inductor 1.8nH ±0.3nH 400mA 0402 (CLH1005T-1N8S-S) Chilisin | 1    | L12                              |        |  |
| 26                | 03.L82R24S02BJ | 高频电感CHI   | CHIP Hifreq Inductor 2.2nH ±0.3nH 400mA 0402 (CLH1005T-2N2S-S) Chilisin | 1    | L10                              |        |  |
| 27                | 03.L82R74S02BJ | 高频电感CHI   | CHIP Hifreq Inductor 2.7nH ±0.3nH 400mA 0402 (CLH1005T-2N7S-S) Chilisin | 2    | L9,L11                           |        |  |
| 28                | 03.L94R72M44BH | 功率叠层电感PI  | POWER IND CPI2012NHL4R7M 4.7uH ±20% 800mA 2012(0805) samwha             | 1    | L20                              |        |  |
| 29                | 06.X14000245C0 | 晶体        | XTAL 40MHZ 10PPM 15pF 3.2*2.5mm SMD                                     | 1    | U5                               |        |  |
| 30                | 09.C4PH4P323C0 | 排针座       | Wafer PH 4P 2.0mm   | 1    | J1                               |        |  |