



**Micrel / Microchip Technology**



**ATWINC1500-MR210PB1954**

|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATWINC1500-MR210PB1954                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                |
| Product description | MODULE                                                                                                                       |
| Datasheets:         |  <a href="#">ATWINC1500-MR210PB1954.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                 |
| Stock Condition     | 10097 pcs stock                                                                                                              |
| Ship From           | Hong Kong                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                        |

REQUEST FOR QUOTATION

Specifications of ATWINC1500-MR210PB1954

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATWINC1500-MR210PB1954                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                  |
| DESCRIPTION                      | MODULE                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 10097 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">ATWINC1500-MR210PB1954.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 3.6 V                                                                                                                  |
| UTILIZED IC / PART               | ATWINC1500                                                                                                                     |
| SERIES                           | SmartConnect                                                                                                                   |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                                                 |
| SENSITIVITY                      | -95dBm                                                                                                                         |
| RF FAMILY/STANDARD               | WiFi                                                                                                                           |
| PROTOCOL                         | 802.11b/g/n                                                                                                                    |
| POWER - OUTPUT                   | 18.5dBm                                                                                                                        |
| PACKAGE / CASE                   | 28-SMD Module                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                  |
| MODULATION                       | 16-QAM, 64-QAM, BPSK, CCK, DBPSK, DQPSK, OFDM, QPSK                                                                            |
| MEMORY SIZE                      | 4MB Flash, 128kB RAM                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| FREQUENCY                        | 2.4GHz                                                                                                                         |
| DATA RATE                        | 72.2Mbps                                                                                                                       |
| CURRENT - TRANSMITTING           | 265mA                                                                                                                          |
| CURRENT - RECEIVING              | 61mA                                                                                                                           |
| ANTENNA TYPE                     | Integrated, Trace                                                                                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology ATWINC1500-MR210PB1954 | ATWINC1500-MR210PB1954 Distributor          | ATWINC1500-MR210PB1954 Supplier                               |
| ATWINC1500-MR210PB1954 Price                         | ATWINC1500-MR210PB1954 Pictures             | ATWINC1500-MR210PB1954 Image                                  |
| ATWINC1500-MR210PB1954 PDF Datasheet                 | ATWINC1500-MR210PB1954 Download Datasheet   | ATWINC1500-MR210PB1954 Datasheet                              |
| ATWINC1500-MR210PB1954 Stock                         | Buy ATWINC1500-MR210PB1954                  | Buy Micrel / Microchip Technology ATWINC1500-MR210PB1954      |
| Micrel / Microchip Technology ATWINC1500-MR210PB1954 | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology ATWINC1500-MR210PB1954 | Microchip Technology ATWINC1500-MR210PB1954 | Roving Networks / Microchip Technology ATWINC1500-MR210PB1954 |

Related Products

|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                           |
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|  <div> <b>ATWINC1500A-MU-T</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC RF TXRX+MCU WIFI 40-VQFN<br/>           In stock: 6618 pcs         </div> <div>RFQ</div>             |  <div> <b>ATWINC1500-XSTK</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: KIT XPAINED PROD21 WINC1500-XPRO<br/>           In stock: 987 pcs         </div> <div>RFQ</div>          |
|  <div> <b>ATWINC1500-MR210PB1952</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: SMARTCONNECT ATWINC1500B-MU-T MO<br/>           In stock: 10158 pcs         </div> <div>RFQ</div> |  <div> <b>ATWINC1500-MR210PB1140</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: SMARTCONNECT ATWINC1500B-MU-T MO<br/>           In stock: 12902 pcs         </div> <div>RFQ</div> |
|  <div> <b>ATWINC1500-MR210PB</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: RF TXRX MODULE WIFI TRACE ANT<br/>           In stock: 12016 pcs         </div> <div>RFQ</div>        |  <div> <b>ATWINC1500-MR210UB</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: RF TXRX MODULE WIFI U.FL ANT<br/>           In stock: 8762 pcs         </div> <div>RFQ</div>          |
|  <div> <b>ATWINC1500-MR210PB1172</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: SMARTCONNECT ATWINC1500B-MU-T MO<br/>           In stock: 11361 pcs         </div> <div>RFQ</div> |  <div> <b>ATWINC1500-MR210UB1954</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: MODULE<br/>           In stock: 11009 pcs         </div> <div>RFQ</div>                           |
|  <div> <b>ATWINC1500-MR210PB1944</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: SMARTCONNECT ATWINC1500B-MU-T MO<br/>           In stock: 12037 pcs         </div> <div>RFQ</div> |  <div> <b>ATWINC1500-MR210UB1140</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: SMARTCONNECT ATWINC1500B-MU-T MO<br/>           In stock: 12339 pcs         </div> <div>RFQ</div> |
|  <div> <b>ATWINC1500-MR210PB1952-T</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: MODULE<br/>           In stock: 12728 pcs         </div> <div>RFQ</div>                         |  <div> <b>ATWINC1500-XPRO</b> </div> <div>           Manufacturers: Micrel / Microchip Technology<br/>           Description: ATWINC1500 EXTENSION BOARD<br/>           In stock: 3953 pcs         </div> <div>RFQ</div>               |