



## ENW-C9A22B1EF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ENW-C9A22B1EF                                                                                                |
| Manufacturer/Brand: | Panasonic                                                                                                    |
| Product description | RF TXRX MODULE 802.15.4 U.FL ANT                                                                             |
|                     |  1.ENW-C9A22B1EF.pdf        |
|                     |  2.ENW-C9A22B1EF.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4271 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of ENW-C9A22B1EF

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ENW-C9A22B1EF                                                                                                                                                                                                      |
| MANUFACTURER                     | Panasonic                                                                                                                                                                                                          |
| DESCRIPTION                      | RF TXRX MODULE 802.15.4 U.FL ANT                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 4271 pcs                                                                                                                                                                                                           |
| DATA SHEET                       |  1.ENW-C9A22B1EF.pdf<br> 2.ENW-C9A22B1EF.pdf |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 3.4 V                                                                                                                                                                                                      |
| UTILIZED IC / PART               | MC13213                                                                                                                                                                                                            |
| SERIES                           | PAN4561H                                                                                                                                                                                                           |
| SERIAL INTERFACES                | I <sup>2</sup> C, UART                                                                                                                                                                                             |
| SENSITIVITY                      | -102dBm                                                                                                                                                                                                            |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                                                                                                           |
| PROTOCOL                         | -                                                                                                                                                                                                                  |
| POWER - OUTPUT                   | 20dBm                                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | PCB Module                                                                                                                                                                                                         |
| OTHER NAMES                      | ENWC9A22B1EF<br>ENWC9A22B1EF-ND<br>PAN4561_UFL                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| MODULATION                       | -                                                                                                                                                                                                                  |
| MEMORY SIZE                      | 60kB Flash, 4kB RAM                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                             |
| DATA RATE                        | 250kbps                                                                                                                                                                                                            |
| CURRENT - TRANSMITTING           | 200mA                                                                                                                                                                                                              |
| CURRENT - RECEIVING              | 48mA                                                                                                                                                                                                               |
| ANTENNA TYPE                     | Not Included, U.FL                                                                                                                                                                                                 |

### Related Tags

|                                        |                                               |                                                                  |
|----------------------------------------|-----------------------------------------------|------------------------------------------------------------------|
| Panasonic ENW-C9A22B1EF                | ENW-C9A22B1EF Distributor                     | ENW-C9A22B1EF Supplier                                           |
| ENW-C9A22B1EF Price                    | ENW-C9A22B1EF Pictures                        | ENW-C9A22B1EF Image                                              |
| ENW-C9A22B1EF PDF Datasheet            | ENW-C9A22B1EF Download Datasheet              | ENW-C9A22B1EF Datasheet                                          |
| ENW-C9A22B1EF Stock                    | Buy ENW-C9A22B1EF                             | Buy Panasonic ENW-C9A22B1EF                                      |
| Panasonic ENW-C9A22B1EF                | Panasonic Supplier                            | Panasonic Distributor                                            |
| Panasonic ENW-C9A22B1EF                | Panasonic - Consumer Division ENW-C9A22B1EF   | Panasonic - Consumer Electronics Corp. ENW-C9A22B1EF             |
| Panasonic Battery Group ENW-C9A22B1EF  | Panasonic Electric Works - ACSD ENW-C9A22B1EF | Panasonic Electronic Components - Semiconductor Pr ENW-C9A22B1EF |
| Panasonic - ATG ENW-C9A22B1EF          | Panasonic - BSG ENW-C9A22B1EF                 | Panasonic - DTG ENW-C9A22B1EF                                    |
| Panasonic Electric Works ENW-C9A22B1EF | Panasonic Electronic Components ENW-C9A22B1EF | Panasonic Industrial Automation Sales ENW-C9A22B1EF              |
| Panasonic Semiconductor ENW-C9A22B1EF  |                                               |                                                                  |

### Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ENW-C9A22A1EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 4164 pcs</div> <div>RFQ</div>  |  <div><b>ENW-C9A22A4EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 3470 pcs</div> <div>RFQ</div>  |
|  <div><b>ENW-C9A22B4EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 4498 pcs</div> <div>RFQ</div>  |  <div><b>ENW-C9A21C1EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 5322 pcs</div> <div>RFQ</div>           |
|  <div><b>ENW-C9A22C2EFN</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 5547 pcs</div> <div>RFQ</div>          |  <div><b>ENW-C9A22B2EFC</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 6084 pcs</div> <div>RFQ</div> |
|  <div><b>ENW-C9A21C4EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 5198 pcs</div> <div>RFQ</div>           |  <div><b>ENW-C9A22C2EFC</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 5066 pcs</div> <div>RFQ</div>          |
|  <div><b>ENW-C9A22A2EFN</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 4314 pcs</div> <div>RFQ</div> |  <div><b>ENW-C9A22A2EFC</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 4332 pcs</div> <div>RFQ</div> |
|  <div><b>ENW-C9A22C1EF</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 5323 pcs</div> <div>RFQ</div>           |  <div><b>ENW-C9A22B2EFN</b><br/>Manufacturers: Panasonic<br/>Description: RF TXRX MODULE 802.15.4 U.FL ANT<br/>In stock: 5102 pcs</div> <div>RFQ</div> |

