



Dialog Semiconductor



Image may be representation. See specifications for product details.

DA14586-00F02AT2

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DA14586-00F02AT2                                                                                                       |
| Manufacturer/Brand: | Dialog Semiconductor                                                                                                   |
| Product description | BT5.0 QFN40 SOC                                                                                                        |
| Datasheets:         |  <a href="#">DA14586-00F02AT2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 20983 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

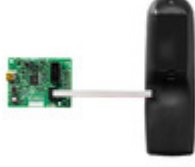
Specifications of DA14586-00F02AT2

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DA14586-00F02AT2                                                                                                       |
| MANUFACTURER                     | Dialog Semiconductor                                                                                                   |
| DESCRIPTION                      | BT5.0 QFN40 SOC                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 20983 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">DA14586-00F02AT2.pdf</a> |
| VOLTAGE - SUPPLY                 | 3.3V                                                                                                                   |
| TYPE                             | TxRx + MCU                                                                                                             |
| SERIES                           | SmartBond™                                                                                                             |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                                         |
| SENSITIVITY                      | -93dBm                                                                                                                 |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                              |
| PROTOCOL                         | Bluetooth v5.0                                                                                                         |
| POWER - OUTPUT                   | 0dBm                                                                                                                   |
| PACKAGING                        | Cut Tape (CT)                                                                                                          |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                                                                   |
| OTHER NAMES                      | 1564-1048-1                                                                                                            |
| OPERATING TEMPERATURE            | -                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| MODULATION                       | -                                                                                                                      |
| MEMORY SIZE                      | 2Mb Flash, 64kB OTP, 128kB ROM, 96kB SRAM                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| GPIO                             | 24                                                                                                                     |
| FREQUENCY                        | 2.4GHz                                                                                                                 |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v5.0 2.4GHz 40-VFQFN Exposed Pad                                                  |
| DATA RATE (MAX)                  | -                                                                                                                      |
| CURRENT - TRANSMITTING           | 3.4mA                                                                                                                  |
| CURRENT - RECEIVING              | 3.7mA                                                                                                                  |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Dialog Semiconductor DA14586-00F02AT2 | DA14586-00F02AT2 Distributor               | DA14586-00F02AT2 Supplier                 |
| DA14586-00F02AT2 Price                | DA14586-00F02AT2 Pictures                  | DA14586-00F02AT2 Image                    |
| DA14586-00F02AT2 PDF Datasheet        | DA14586-00F02AT2 Download Datasheet        | DA14586-00F02AT2 Datasheet                |
| DA14586-00F02AT2 Stock                | Buy DA14586-00F02AT2                       | Buy Dialog Semiconductor DA14586-00F02AT2 |
| Dialog Semiconductor DA14586-00F02AT2 | Dialog Semiconductor Supplier              | Dialog Semiconductor Distributor          |
| Dialog Semiconductor DA14586-00F02AT2 | Dialog Semiconductor GmbH DA14586-00F02AT2 |                                           |

Related Products

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>DA14585VRCUDEVKT</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: VOICE RCU DEVELOPMENT KIT<br/>In stock: 364 pcs</p> <p>RFQ</p>         |  <p><b>DA14681-01000U22</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: IC RX TXRX+MCU BLUETOOTH 53WLCSP<br/>In stock: 18204 pcs</p> <p>RFQ</p> |
|  <p><b>DA14681-01000A92</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: IC RX TXRX+MCU BLUETOOTH 60AQFN<br/>In stock: 17763 pcs</p> <p>RFQ</p> |  <p><b>DA14680-01F08A92</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: IC RX TXRX+MCU BLUETOOTH 60AQFN<br/>In stock: 31380 pcs</p> <p>RFQ</p>  |
|  <p><b>DA14585-00ATDEVKT-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BT5.0 PRO KIT MB+DB QFN40<br/>In stock: 1116 pcs</p> <p>RFQ</p>     |  <p><b>DA14585IOTMSENSKT</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DEV KIT FOR PUBLISHING SENSOR DA<br/>In stock: 717 pcs</p> <p>RFQ</p>  |
|  <p><b>DA14586-00F02ATDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BT5.0 PRO DB QFN40<br/>In stock: 3811 pcs</p> <p>RFQ</p>            |  <p><b>DA14681-01A9DEVKT-B</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DA14681 DEV KIT BASIC<br/>In stock: 1413 pcs</p> <p>RFQ</p>          |
|  <p><b>DA14681-01A9DB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DA14681 AQFN60 DB PRO DEV KIT<br/>In stock: 3845 pcs</p> <p>RFQ</p>    |  <p><b>DA14585IOTMSENSOR</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: MULTI PURPOSE ADD-ON SENSOR BOAR<br/>In stock: 1571 pcs</p> <p>RFQ</p> |
|  <p><b>DA14585-00ATDEVKT-B</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BT5.0 BASIC KIT<br/>In stock: 2288 pcs</p> <p>RFQ</p>               |  <p><b>DA14585-00VVDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BT5.0 PRO DB WL-CSP34<br/>In stock: 2350 pcs</p> <p>RFQ</p>             |