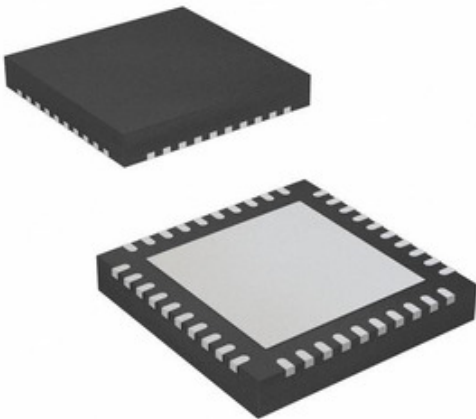




Dialog Semiconductor



DA14583-01F01AT2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DA14583-01F01AT2                                                                                             |
| Manufacturer/Brand: | Dialog Semiconductor                                                                                         |
| Product description | IC RF TXRX+MCU BLUETOOTH 40VFQFN                                                                             |
|                     | <a href="#">1.DA14583-01F01AT2.pdf</a>                                                                       |
|                     | <a href="#">2.DA14583-01F01AT2.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

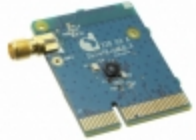
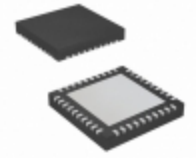
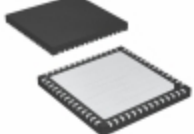
Specifications of DA14583-01F01AT2

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | DA14583-01F01AT2                                                                 |
| MANUFACTURER                     | Dialog Semiconductor                                                             |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 40VFQFN                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | <a href="#">1.DA14583-01F01AT2.pdf</a><br><a href="#">2.DA14583-01F01AT2.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.35 V ~ 3.3 V                                                                   |
| TYPE                             | TxRx + MCU                                                                       |
| SERIES                           | -                                                                                |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                                      |
| SENSITIVITY                      | -93dBm                                                                           |
| RF FAMILY/STANDARD               | Bluetooth                                                                        |
| PROTOCOL                         | Bluetooth v4.1                                                                   |
| POWER - OUTPUT                   | -1dBm                                                                            |
| PACKAGING                        | Original-Reel®                                                                   |
| PACKAGE / CASE                   | 40-VFQFN Exposed Pad                                                             |
| OTHER NAMES                      | 1564-1017-6                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| MODULATION                       | -                                                                                |
| MEMORY SIZE                      | 1Mb Flash, 32kB OTP, 84kB ROM, 50kB SRAM                                         |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| GPIO                             | 24                                                                               |
| FREQUENCY                        | 2.4GHz                                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v4.1 2.4GHz 40-VFQFN Exposed Pad            |
| DATA RATE (MAX)                  | -                                                                                |
| CURRENT - TRANSMITTING           | 3.4mA                                                                            |
| CURRENT - RECEIVING              | 3.7mA                                                                            |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Dialog Semiconductor DA14583-01F01AT2 | DA14583-01F01AT2 Distributor               | DA14583-01F01AT2 Supplier                 |
| DA14583-01F01AT2 Price                | DA14583-01F01AT2 Pictures                  | DA14583-01F01AT2 Image                    |
| DA14583-01F01AT2 PDF Datasheet        | DA14583-01F01AT2 Download Datasheet        | DA14583-01F01AT2 Datasheet                |
| DA14583-01F01AT2 Stock                | Buy DA14583-01F01AT2                       | Buy Dialog Semiconductor DA14583-01F01AT2 |
| Dialog Semiconductor DA14583-01F01AT2 | Dialog Semiconductor Supplier              | Dialog Semiconductor Distributor          |
| Dialog Semiconductor DA14583-01F01AT2 | Dialog Semiconductor GmbH DA14583-01F01AT2 |                                           |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DA14581DEVKT-B</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BASIC DEV KIT FOR DA14581<br/>In stock: Out stock<br/><b>RFQ</b></div>        |  <div><b>DA14581-00UNA</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 34WLCSP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>DA14581UNDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: PRO DAUGHTERBRD DA14581 WLCSP34<br/>In stock: 2 pcs<br/><b>RFQ</b></div>       |  <div><b>DA14583IOTSENSDNGL</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DONGLE IOT SENSOR DA14583<br/>In stock: 135 pcs<br/><b>RFQ</b></div>     |
|  <div><b>DA14583-01F01AT1</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BLUETOOTH LOW ENERGY SOC QFN40<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>DA14583F01DEVKT-B</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DEV KIT BASIC FOR DA14583<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>DA14581ATDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: PRO DAUGHTERBOARD DA14581 QFN40<br/>In stock: 21 pcs<br/><b>RFQ</b></div>      |  <div><b>DA14583F01ATDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DAUGHTERBOARD DA14583 QFN40<br/>In stock: 4 pcs<br/><b>RFQ</b></div>       |
|  <div><b>DA14585-00000AT2</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BT5.0 QFN40 SOC<br/>In stock: Out stock<br/><b>RFQ</b></div>                |  <div><b>DA14582-01KA2</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: BLUETOOTH LOW ENERGY SOC QFN56<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>DA14585-00000ATREXDB-P</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DA14585 RANGE EXTENDER KIT<br/>In stock: 5 pcs<br/><b>RFQ</b></div>   |  <div><b>DA14583IOTSENSKT</b><br/>Manufacturers: Dialog Semiconductor<br/>Description: DEV KIT IOT SENSOR DA14583<br/>In stock: 103 pcs<br/><b>RFQ</b></div>      |