



Cypress Semiconductor



CYW43242KFFBG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CYW43242KFFBG                                                                                                |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | SOC WIFI BLUETOOTH COMBO                                                                                     |
| Datasheets:         |  CYW43242KFFBG.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7016 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of CYW43242KFFBG

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CYW43242KFFBG                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                 |
| DESCRIPTION                      | SOC WIFI BLUETOOTH COMBO                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 7016 pcs                                                                                              |
| DATA SHEET                       |  CYW43242KFFBG.pdf |
| VOLTAGE - SUPPLY                 | 3.3V                                                                                                  |
| TYPE                             | TxRx + MCU                                                                                            |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART, USB                                                                              |
| SENSITIVITY                      | -99dBm                                                                                                |
| RF FAMILY/STANDARD               | WiFi                                                                                                  |
| PROTOCOL                         | 802.11a/b/g/n                                                                                         |
| POWER - OUTPUT                   | 19.5dBm                                                                                               |
| PACKAGING                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 252-TFBGA, FCBGA                                                                                      |
| OTHER NAMES                      | 428-3917<br>CYW43242KFFBG-ND                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 70°C                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| MODULATION                       | GFSK                                                                                                  |
| MEMORY SIZE                      | -                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| GPIO                             | 13                                                                                                    |
| FREQUENCY                        | 2.4GHz                                                                                                |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU WiFi 802.11a/b/g/n 2.4GHz 252-TFBGA, FCBGA                                           |
| DATA RATE (MAX)                  | 54Mbps                                                                                                |
| CURRENT - TRANSMITTING           | 23.7mA                                                                                                |
| CURRENT - RECEIVING              | 23.8mA                                                                                                |

Related Tags

|                                     |                                          |                                         |
|-------------------------------------|------------------------------------------|-----------------------------------------|
| Cypress Semiconductor CYW43242KFFBG | CYW43242KFFBG Distributor                | CYW43242KFFBG Supplier                  |
| CYW43242KFFBG Price                 | CYW43242KFFBG Pictures                   | CYW43242KFFBG Image                     |
| CYW43242KFFBG PDF Datasheet         | CYW43242KFFBG Download Datasheet         | CYW43242KFFBG Datasheet                 |
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| Cypress Semiconductor CYW43242KFFBG | Cypress Semiconductor Supplier           | Cypress Semiconductor Distributor       |
| Cypress Semiconductor CYW43242KFFBG | Cypress Semiconductor Corp CYW43242KFFBG |                                         |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>CYW43243KFFBG</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU WIFI<br/>In stock: 6892 pcs</div><div>RFQ</div></div>         | <div><div><b>CYW43242KFFB4G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 5050 pcs</div><div>RFQ</div></div>        |
| <div><div><b>CYW43241XFKFFBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 3097 pcs</div><div>RFQ</div></div> | <div><div><b>CYW4329EKUBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE/WIFI 182WLBGA<br/>In stock: 7286 pcs</div><div>RFQ</div></div> |
| <div><div><b>CYW43241XFKWBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 6869 pcs</div><div>RFQ</div></div>  | <div><div><b>CYW43236BKMLG</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI WLAN 88QFN<br/>In stock: 10069 pcs</div><div>RFQ</div></div>             |
| <div><div><b>CYW43237KMLGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 3503 pcs</div><div>RFQ</div></div>    | <div><div><b>CYW4325GKWBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE/WIFI 339WLCSP<br/>In stock: 7923 pcs</div><div>RFQ</div></div> |
| <div><div><b>CYW43236BKMLGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI WLAN 88QFN<br/>In stock: 11154 pcs</div><div>RFQ</div></div>       | <div><div><b>CYW4329HKUBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 3131 pcs</div><div>RFQ</div></div>         |
| <div><div><b>CYW4329FKUBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: SOC WIFI BLUETOOTH COMBO<br/>In stock: 5016 pcs</div><div>RFQ</div></div>    | <div><div><b>CYW43242KFFBGT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE/WIFI<br/>In stock: 7945 pcs</div><div>RFQ</div></div>         |