

NXP Semiconductors / Freescale

MC13224V

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC13224V                                                                                                     |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC RF TXRX+MCU 802.15.4 145TFLGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3284 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

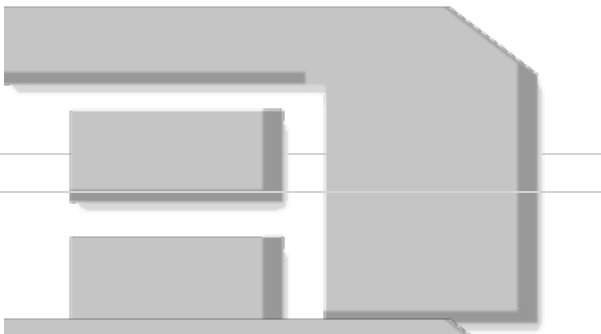
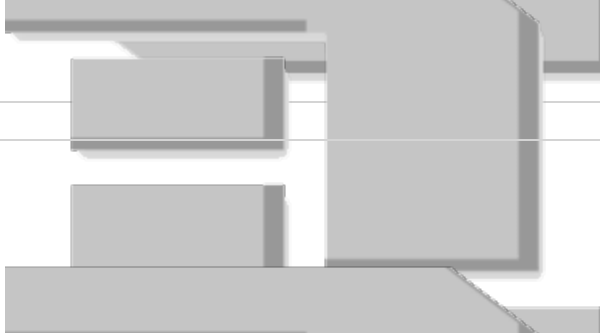
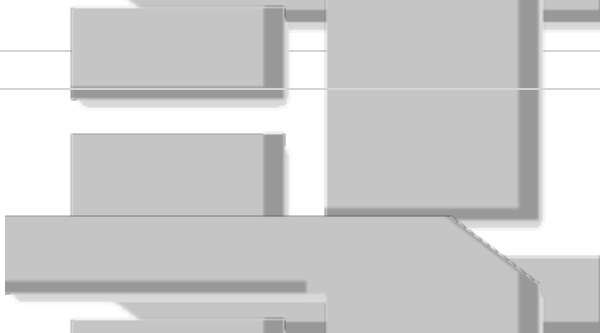
Specifications of MC13224V

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| PART NUMBER                      | MC13224V                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                     |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 145TFLGA                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| QUANTITY AVAILABLE               | 3284 pcs                                           |
| DATA SHEET                       |                                                    |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                        |
| TYPE                             | TxRx + MCU                                         |
| SERIES                           | -                                                  |
| SERIAL INTERFACES                | I²C, I²S, JTAG, SPI, UART                          |
| SENSITIVITY                      | -100dBm                                            |
| RF FAMILY/STANDARD               | 802.15.4                                           |
| PROTOCOL                         | Zigbee®                                            |
| POWER - OUTPUT                   | 4dBm                                               |
| PACKAGING                        | Tray                                               |
| PACKAGE / CASE                   | 145-TFLGA                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                      |
| MODULATION                       | O-QPSK                                             |
| MEMORY SIZE                      | 128kB Flash, 80kB ROM, 96kB SRAM                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| GPIO                             | 64                                                 |
| FREQUENCY                        | 2.4GHz                                             |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 145-TFLGA |
| DATA RATE (MAX)                  | 250kbps                                            |
| CURRENT - TRANSMITTING           | 29mA                                               |
| CURRENT - RECEIVING              | 22mA ~ 24mA                                        |

Related Tags

|                        |                             |                    |
|------------------------|-----------------------------|--------------------|
| MC13224V               | MC13224V Distributor        | MC13224V Supplier  |
| MC13224V Price         | MC13224V Pictures           | MC13224V Image     |
| MC13224V PDF Datasheet | MC13224V Download Datasheet | MC13224V Datasheet |
| MC13224V Stock         | Buy MC13224V                | Buy MC13224V       |
| MC13224V               | Supplier                    | Distributor        |

Related Products

|                                                                                    |                                                                                                                              |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC13214</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-LGA<br>In stock: 3892 pcs<br><b>RFQ</b>      |  | <b>MC13224VR2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 145TFLGA<br>In stock: 5796 pcs<br><b>RFQ</b>  |
|  | <b>MC13233C</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br>In stock: 4161 pcs<br><b>RFQ</b>   |  | <b>MC13212R2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-VFLGA<br>In stock: 17906 pcs<br><b>RFQ</b>  |
|  | <b>MC13226VR2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 145TFLGA<br>In stock: 6901 pcs<br><b>RFQ</b> |  | <b>MC13212</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-VFLGA<br>In stock: 19675 pcs<br><b>RFQ</b>    |
|  | <b>MC13233CR2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br>In stock: 3608 pcs<br><b>RFQ</b> |  | <b>MC13214R2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-LGA<br>In stock: 6502 pcs<br><b>RFQ</b>     |
|  | <b>MC13226V</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 145TFLGA<br>In stock: 5540 pcs<br><b>RFQ</b>   |  | <b>MC13213</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-VFLGA<br>In stock: 8690 pcs<br><b>RFQ</b>     |
|  | <b>MC13213R2</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 71-VFLGA<br>In stock: 16100 pcs<br><b>RFQ</b> |  | <b>MC13234CHT</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 48-VFLGA<br>In stock: 18219 pcs<br><b>RFQ</b> |