

**B**

| Frequency (MHz)                           | Description   | Package | Digi-Key Part No. | 1      | Price Each 25 | 100   | Radios Inc. Part No. |
|---|---|---------|-------------------|--------|---------------|-------|----------------------|
| 433                                       | Receiver Module OOK   | 18-DIP  | 694-1003-ND       | 8.99   | 8.23          | 6.94  | MRX-002-433DR-B      |
|   | Receiver Module OOK with SAW Filter and Low Noise Amp (LNA) | 24-DIP  | 694-1004-ND       | 15.27  | 13.98         | 11.78 | MRX-002SL-433DR-B    |
|   | Receiver Module OOK   | 18-DIP  | 694-1007-ND       | 9.00   | 8.24          | 6.94  | MRX-007-433DR-B      |
|   | Receiver Module OOK   | 18-DIP  | 694-1008-ND       | 8.11   | 7.43          | 6.26  | MRX-008-433DR-B      |
|   | Receiver Module OOK   | 18-DIP  | 694-1009-ND       | 9.00   | 8.24          | 6.94  | MRX-009-433DR-B      |
|   | Receiver Module OOK with SAW Filter and Low Noise Amp (LNA) | 24-DIP  | 694-1010-ND       | 12.91  | 11.82         | 9.96  | MRX-009SL-433DR-B    |
| 915                                       | Receiver Module OOK   | 18-DIP  | 694-1005-ND       | 9.82   | 8.99          | 7.58  | MRX-005-915DR-B      |
|   | Receiver Module OOK with SAW Filter and Low Noise Amp (LNA) | 24-DIP  | 694-1006-ND       | 14.15  | 12.95         | 10.91 | MRX-005SL-915DR-B    |
| <b>Transmitter Modules</b>                |   |         |                   |        |               |       |                      |
| 433                                       | Transmitter Module OOK                                      | 18-DIP  | 694-1011-ND       | 8.33   | 7.63          | 6.43  | MTX-102-433DR-B      |
|   | Transmitter Module ASK/FSK                                  | 24-DIP  | 694-1013-ND       | 20.71  | 18.95         | 15.97 | MTX-405-433DR-B      |
| 915                                       | Transmitter Module OOK/ASK                                  | 18-DIP  | 694-1012-ND       | 10.06  | 9.21          | 7.76  | MTX-103-915DR-B      |
| <b>Transceiver Module</b>                 |   |         |                   |        |               |       |                      |
| 915                                       | Transceiver Module FSK                                      | 24-DIP  | 694-1014-ND       | 25.84  | 23.65         | 19.93 | MXR-505-915DR-B      |
| <b>Remote Control Receiver Modules</b>    |   |         |                   |        |               |       |                      |
| —   | Remote Control Receiver Module, 3-Relay Radios Inc Decoder  | —       | 694-1015-ND       | 55.74  | —             | —     | RCR-ML-010RI-3       |
|   | Remote Control Receiver Module, 3-Relay Keeloq Decoder      | —       | 694-1016-ND       | 55.74  | —             | —     | RCR-ML-010KL-3       |
|   | Remote Control Receiver Module, 3-Relay Holtek Decoder      | —       | 694-1017-ND       | 56.13  | —             | —     | RCR-ML-010HT-3       |
| <b>Handheld Transmitters</b>              |   |         |                   |        |               |       |                      |
| 433                                       | 2-Button Keypob Transmitter, Radios Inc Encoder             | —       | 694-1018-ND       | 20.44  | —             | —     | HHTX-102-433RI-2B    |
|   | 2-Button Keypob Transmitter, Keeloq Encoder                 | —       | 694-1019-ND       | 21.49  | —             | —     | HHTX-102-433KL-2B    |
|   | 2-Button Keypob Transmitter, Holtek Encoder                 | —       | 694-1020-ND       | 22.48  | —             | —     | HHTX-102-433HT-2B    |
| 915                                       | 2-Button Keypob Transmitter, Radios Inc Encoder             | —       | 694-1021-ND       | 21.01  | —             | —     | HHTX-103-915RI-2B    |
|   | 2-Button Keypob Transmitter, Keeloq Encoder                 | —       | 694-1022-ND       | 22.07  | —             | —     | HHTX-103-915KL-2B    |
|   | 2-Button Keypob Transmitter, Holtek Encoder                 | —       | 694-1023-ND       | 23.05  | —             | —     | HHTX-103-915HT-2B    |
| <b>RF Development Systems for Modules</b> |   |         |                   |        |               |       |                      |
| —   | Microchip PIC MCU, 1-Unit                                   | —       | 694-1024-ND*      | 95.00  | —             | —     | HHDS-ML-P1           |
|   | Microchip PIC MCU, 2-Unit                                   | —       | 694-1025-ND*      | 149.00 | —             | —     | HHDS-ML-P2           |
|   | Texas Instrument MSP430 MCU, 1-Unit                         | —       | 694-1026-ND*      | 95.00  | —             | —     | HHDS-ML-M1           |
|   | Texas Instrument MSP430 MCU, 2-Unit                         | —       | 694-1027-ND*      | 149.00 | —             | —     | HHDS-ML-M2           |
|   | Microchip PIC MCU, 1-Unit                                   | —       | 694-1028-ND*      | 149.00 | —             | —     | DS-ML-P1             |
| —   | Microchip PIC MCU, 2-Unit                                   | —       | 694-1029-ND*      | 295.00 | —             | —     | DS-ML-P2             |
|   | Texas Instrument MSP430 MCU, 1-Unit                         | —       | 694-1030-ND*      | 149.00 | —             | —     | DS-ML-M1             |
|   | Texas Instrument MSP430 MCU, 2-Unit                         | —       | 694-1031-ND*      | 295.00 | —             | —     | DS-ML-M2             |

\*Requires the purchase of desired transmitter/receiver module(s) to operate

## RF Encoder/Decoder Chipset

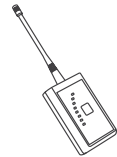
The RF Solutions RF600E and RF600D are easy to use encoder and decoder ICs. They have been designed to achieve the maximum possible range from any radio/InfraRed transmitter/receiver set. Unlike other encoder/decoder devices, the RF600E/600D provide an unprecedented level of security which prevents copying or grabbing while also obtaining optimum range from the transmitter and receiver.

**Features:** Highly secure KEELOQ® protocol • Simple to use • Stand Alone operation • Achieves maximum range from RF modules • Decoder serial output • LED indication of transmission • Directly compatible with KEELOQ® decoder • Easy learn feature of transmitters

|  |        |
|--|--------|
| <b>RF600D-ND</b> Receiver/Decoder 18-DIP .....   | \$8.95 |
| <b>RF600E-ND</b> Transmitter/Encoder 8-DIP ..... | \$4.50 |

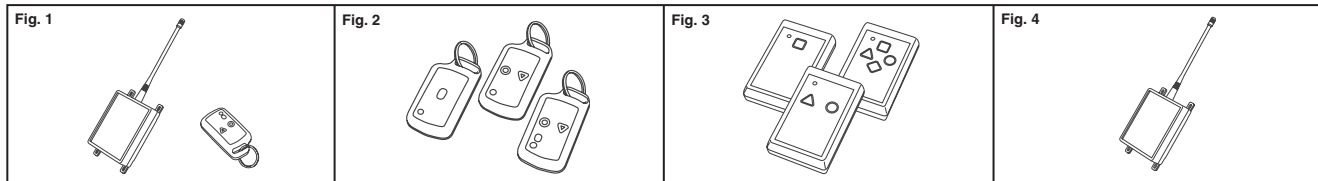
## Hand Held RF Meter

A miniature RF meter which can be used to show the presence of a radio signal. Briefly press the power switch and the LED bargraph shows RF activity within the local environment. The peak signal is held for one second. This can be invaluable when installing a radio system to determine if other RF signals are present (interference) and also validate the signal strength of the radio transmitter to be installed.



|   |          |
|---|----------|
| <b>006-315R1-ND</b> Hand Held RF Meter 315MH..... | \$125.00 |
| <b>006-433R2-ND</b> Hand Held RF Meter 433MH..... | \$125.00 |

## Wireless Communication



| Fig.  | Description                       | Freq. (MHz) | Digi-Key Part No. | Price Each |
|---|-----------------------------------|-------------|-------------------|------------|
| <b>Remote Control Systems</b>                   |                                   |             |                   |            |
| <b>AM Keyfob Systems</b>                        |                                   |             |                   |            |
| 1   | 1 Channel System, 12/24Vdc        | 315         | 118C1-315AR1-ND   | 114.50     |
|   | 3 Channel System, 12/24 Vdc       | 315         | 118C3-315AR1-ND   | 130.25     |
| 2   | AM Keyfob Transmitter, 1 Button   | 315         | AM110C1-315-ND    | 21.25      |
|   | AM Keyfob Transmitter, 2 Button   | 315         | AM110C2-315-ND    | 22.10      |
|   | AM Keyfob Transmitter, 3 Button   | 315         | AM110C3-315-ND    | 22.85      |
| —   | RF Receiver/Decoder Hybrid        | 315         | AMHIRK-315AR3-ND  | 34.20      |
| <b>FM Keyfob Systems</b>                        |                                   |             |                   |            |
| 3   | FM Handheld Transmitter, 1 Switch | 315         | 102C1-315FR1-ND   | 80.00      |
|   | FM Handheld Transmitter, 2 Switch | 315         | 102C2-315FR1-ND   | 88.00      |
|   | FM Handheld Transmitter, 4 Switch | 315         | 102C4-315FR1-ND   | 96.00      |
| 4   | FM Remote Receiver Decoder        | 315         | 008-315F-ND       | 154.91     |
| <b>AM Radio Modules</b>                         |                                   |             |                   |            |
| <b>AM Super Hetrodyne Receivers</b>             |                                   |             |                   |            |
| —   | Superhetrodyne Receiver           | 315         | AMRRQ3-315-ND     | 18.95      |
| —   | Superhetrodyne Receiver           | 433         | AMRRQ3-433-ND     | 16.75      |
| <b>AM Miniature Super Regenerative Receiver</b> |                                   |             |                   |            |
| —   | SuperRegen Receiver, Miniature    | 433         | AMHRR30-433-ND    | 10.95      |

| Fig.  | Description                            | Freq. (MHz) | Digi-Key Part No. | Price Each |
|---|--|-------------|-------------------|------------|
| <b>AM Super Regenerative Receiver Modules</b>     |  |             |                   |            |
| —   | SuperRegen Receiver                    | 315         | AMHRR3-315-ND     | 10.49      |
| —   | SuperRegen Receiver                    | 433         | AMHRR3-433-ND     | 10.49      |
| <b>4 Pin Hybrid Transmitter Modules</b>           |  |             |                   |            |
| —   | Hybrid Transmitter Module, DIL Package | 315         | AMRT4-315-ND      | 9.99       |
| —   | Hybrid Transmitter Module, DIL Package | 433         | AMRT4-433-ND      | 9.99       |
| <b>FM Radio Modules</b>                           |  |             |                   |            |
| <b>FM Hybrid Transmitter and Receiver Modules</b> |  |             |                   |            |
| —   | FM Transmitter, DIL Package            | 315         | FMRTFQ1-315-ND    | 13.95      |
|   | FM Transmitter, DIL Package            | 433         | FMRTFQ1-433-ND    | 12.99      |
|   | FM Transmitter, SIL Package            | 433         | FMRTFQ2-433R-ND   | 13.50      |
|   | FM Receiver, SIL Package               | 315         | FMRRFQ1-315-ND    | 28.25      |
|   | FM Receiver, SIL Package               | 433         | FMRRFQ1-433-ND    | 25.75      |
|   | FM Receiver, SIL Package               | 433         | FMRRFQ2-433-ND    | 22.15      |
| <b>RF KEELOQ® Evaluation Kits</b>                 |  |             |                   |            |
| —   | RF KEELOQ® Evaluation Kit              | 315         | RFEVAL2-315-ND    | 350.00     |
| —   | RF KEELOQ® Evaluation Receiver         | —           | RFEVAL3-ND*       | 99.75      |
| <b>Book</b>                                       |  |             |                   |            |
| —   | Introduction to Low Power Radio Book   | —           | BK-RADIO-ND       | 33.50      |

\*PCB Assembly only (RF Modules and antenna not supplied)

More Product Available Online: [www.digikey.com](http://www.digikey.com)

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# RF Modules and Kits

## Transceiver Modules

### ZMN2405HP

#### Features:

- Zigbee 2006 Modules Utilize 2.4GHz Direct Sequence Spread Spectrum (DSSS)
- Ad Hoc mesh network • Low Power (see chart) • SPI and UART Interface • FCC and CE Certified for Unlicensed Operation Coordinator (-C), Router (-R) and End Device (-E) versions available

### WIT2450

#### Features:

- 2.4GHz Frequency Hopping Spread Spectrum (FHSS) • Auto Ranging • Low Power (see chart) • FCC and ETSI Certified for unlicensed operation • RS-232 async interface

### WIT910

#### Features:

- 900MHz FHSS • 20+ mile range (Line of Sight) with Omni-Directional Antenna • FCC Certified for unlicensed operation • RS-232 async interface

| Power Output (mW)             | Receive Sensitivity (dBm) | Operating Temperature (C°) | Operating Voltage (Vdc) | Data Rate (Max. Kbps) | Power Consumption Sleep/Rec./Time     | Digi-Key Part No.                         | Price Each              | RFM Part No.                              |
|-------------------------------|---------------------------|----------------------------|-------------------------|-----------------------|---------------------------------------|---|-------------------------|---|
| +18dBm                        | -95                       | -40 - 85                   | 2.7 - 3.6               | 250                   | 3µ/33mA/150mA                         | 583-1016-ND<br>583-1018-ND<br>583-1017-ND | 36.06<br>36.06<br>36.06 | ZMN2405HP-C<br>ZMN2405HP-E<br>ZMN2405HP-R |
| 0dBm                          | -92                       | -40 - 85                   | 3.3 - 5.5               | 250                   | 3µ/33mA/130mA                         | 583-1023-ND<br>583-1025-ND<br>583-1024-ND | 21.41<br>21.41<br>21.41 | ZMN2430-C<br>ZMN2430-E<br>ZMN2430-R       |
| 18dBm                         | -95                       | -40 - 85                   | 3.3 - 5.5               | 250                   | 3µ/33mA/130mA                         | 583-1026-ND<br>583-1028-ND<br>583-1027-ND | 36.06<br>36.06<br>36.06 | ZMN2430HP-C<br>ZMN2430HP-E<br>ZMN2430HP-R |
| 10, 63, 250†<br>10, 100, 500† | -92<br>-103               | -40 - 70<br>-40 - 85       | 3.3 - 10<br>3.3 - 10    | 460.8<br>172.8        | 750µA/40mA/150mA<br>250µA/100mA/100mA | 583-1006-ND<br>583-1008-ND                | 147.20<br>278.99        | WIT2450<br>WIT910                         |

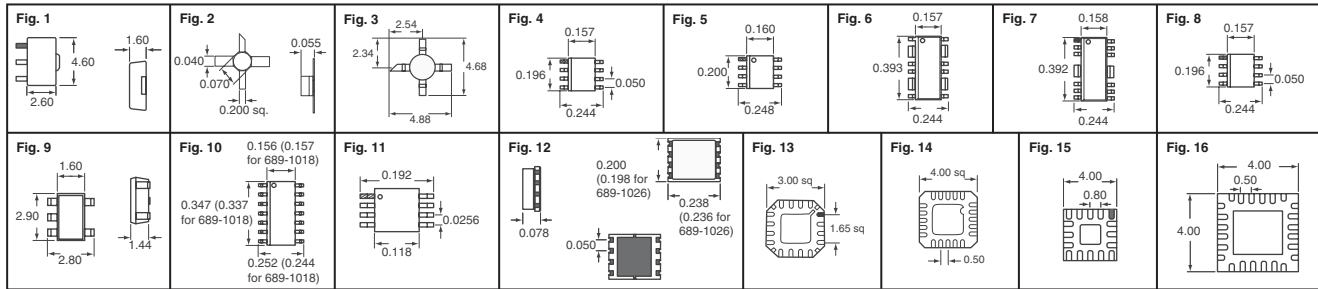
† Software Selectable

## Development Kits and Boards

| Description  | Digi-Key Part No. | Price Each | RFM Part No.    |
|--|-------------------|------------|-----------------|
| ZMN2405HP Daughter Board.....  | 583-1019-ND       | 195.50     | ZMN2405HPDB     |
| Zigbee Developer's Kit with ZMN2405HP (2), Antennas, Cables, and Software.....                           | 583-1020-ND       | 331.20     | ZMN2405HPDK     |
| Zigbee Developer's Kit with ZMN2405HP (4), Serial Gateway, Antennas, Cables and Software.....            | 583-1021-ND       | 555.20     | ZMN2405HPDK PRO |
| Zigbee Basic Developer's Kit with Serial Modem and Developer's Board, Antennas, Cables and Software..... | 583-1022-ND       | 220.80     | ZMN2405HPDK-B   |
| Developer's Kit for WIT2450 Module with Modems (2), Antennas, Cables and Configuration Software.....     | 583-1007-ND       | 498.99     | WIT2450DK       |
| Developer's Kit for WIT910 Module with Modems (2), Antennas, Cables and Configuration Software.....      | 583-1009-ND       | 799.00     | WIT910DK        |



## RF Products



| Fig.                                   | Frequency (MHz) | Gain (dB)  | Noise Figure (dB) | P1dB (dBm) | OIP3 (dBm) | Vcc/ Icc (V/mA) | Package   | Digi-Key Part No. | Cut Tape Price Each |       |       | Digi-Key Part No. | Tape and Reel |           | RFMD Part No. |
|--|-----------------|------------|-------------------|------------|------------|-----------------|-----------|-------------------|---------------------|-------|-------|-------------------|---------------|-----------|---------------|
|  |                 |            |                   |            |            |                 |           |                   | 1                   | 25    | 100   |                   | Qty.          | Pricing   |               |
| <b>GaAs HBT Gain Block Amplifiers</b>  |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 1                                      | DC - 6000       | 20.0       | 3.5               | 18.0       | 32.0       | 6.0/65          | SOT-89    | 689-1020-1-ND     | 3.40                | 2.60  | 2.27  | 689-1020-2-ND     | 750           | 865.69    | RF3374TR7     |
|  | DC - 6000       | 13.2       | 4.6               | 16.0       | 28.0       | 6.6/65          | SOT-89    | 689-1021-1-ND     | 3.40                | 2.60  | 2.27  | 689-1021-2-ND     | 750           | 865.69    | RF3375TR7     |
|  | DC - 6000       | 22.0       | 2.0               | 11.0       | 24.4       | 4.2/35          | SOT-89    | 689-1022-1-ND     | 3.40                | 2.60  | 2.27  | 689-1022-2-ND     | 750           | 865.69    | RF3376TR7     |
|  | DC - 6000       | 15.5       | 3.0               | 13.0       | 25.5       | 4.5/40          | SOT-89    | 689-1023-1-ND     | 3.40                | 2.60  | 2.27  | 689-1023-2-ND     | 750           | 865.69    | RF3377TR7     |
|  | DC - 6000       | 12.0       | 3.7               | 13.0       | 26.0       | 4.8/40          | SOT-89    | 689-1024-1-ND     | 3.40                | 2.60  | 2.27  | 689-1024-2-ND     | 750           | 865.69    | RF3378TR7     |
| <b>InGaP HBT Gain Block Amplifiers</b> |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 2                                      | DC - 12000      | 13.0       | 5.1               | 13.0       | 27.1       | 3.9/50          | 4-Micro-X | 689-1000-1-ND     | 6.79                | 6.39  | 6.29  | 689-1000-2-ND     | 1,000         | 3888.00   | NBB-300-T1    |
|  | DC - 12000      | 12.5       | 4.9               | 13.8       | 24.0       | 5.0/50          | SOT-89    | 689-1001-1-ND     | 6.79                | 6.42  | 6.29  | 689-1001-2-ND     | 1,000         | 3888.00   | NBB-310-T1    |
|  | DC - 8000       | 16.5       | 4.3               | 13.0       | 28.1       | 3.9/47          | 4-Micro-X | 689-1002-1-ND     | 6.79                | 6.39  | 6.29  | 689-1002-2-ND     | 1,000         | 3888.00   | NBB-400T1     |
| 3                                      | DC - 10000      | 10.7       | 4.9               | 11.1       | 27.0       | 3.8/50          | 4-Micro-X | 689-1003-1-ND     | 3.17                | 2.55  | 1.98  | 689-1003-2-ND     | 1,000         | 984.00    | NLB-300T1     |
|  | DC - 10000      | 10.7       | 5.0               | 12.6       | 27.9       | 4.6/50          | 4-Micro-X | 689-1004-1-ND     | 3.17                | 2.55  | 1.98  | 689-1004-2-ND     | 1,000         | 984.00    | NLB-310-T1    |
|  | DC - 6000       | 13.0       | 4.1               | 12.0       | 27.3       | 3.9/47          | 4-Micro-X | 689-1005-1-ND     | 3.17                | 2.55  | 1.98  | 689-1005-2-ND     | 1,000         | 984.00    | NLB-400-T1    |
| <b>High Linearity Amplifiers</b>       |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 4                                      | 1800 - 2500     | 12.0       | —                 | 31.0       | 40.0       | 3.0 - 6.5/350   | 8-SOIC    | 689-1006-1-ND     | 13.69               | 11.73 | 9.78  | 689-1006-2-ND     | 750           | 4032.19   | RF2126TR7     |
| 5                                      | DC - 2500       | 15.0       | 3.8               | 20.0       | 33.0       | 5.5/100         | 8-SOIC    | 689-1007-1-ND     | 5.46                | 4.34  | 3.78  | 689-1007-2-ND     | 750           | 1470.00   | RF2312TR7     |
| 6                                      | DC - 3000       | 14.3       | 4.9               | 22.0       | 37.0       | 8.5/180         | CJ2BAT0   | 689-1009-1-ND     | 9.17                | 7.86  | 6.55  | 689-1009-2-ND     | 750           | 2701.88   | RF2317TR7     |
| 7                                      | 5 - 1500        | 20.0       | 1.5               | 23.7       | 36.4       | 7.0/120         | 16-SOP    | 689-1010-1-ND     | 12.92               | 11.07 | 9.23  | 689-1010-2-ND     | 750           | 3805.31   | RF2360TR7     |
| 8                                      | 300 - 3000      | 12.5       | 2.5               | 23.0       | 40.0       | 5.0/150         | SOT-89    | 689-1019-1-ND     | 8.15                | 6.48  | 5.65  | 689-1019-2-ND     | 750           | 2194.50   | RF3315TR7     |
|  | 450 - 2500      | 14.0       | —                 | 28.5       | 42.0       | 5 - 8/120       | 8-SOIC    | 689-1027-1-ND     | 10.92               | 9.36  | 7.80  | 689-1027-2-ND     | 750           | 3217.50   | RF3807TR7     |
| 4                                      | 450 - 2500      | 10.5       | —                 | 32.5       | 46.5       | 5 - 8/270       | 8-SOIC    | 689-1028-1-ND     | 16.42               | 14.07 | 11.73 | 689-1028-2-ND     | 750           | 4836.56   | RF3809TR7     |
|  | 800 - 2500      | 14.0       | —                 | 29.0       | 43.0       | 5.0/240         | 8-SOIC    | 689-1063-1-ND     | 13.69               | 11.73 | 9.78  | 689-1063-2-ND     | 750           | 4032.19   | RF5187TR7     |
| <b>Low Noise Amplifiers</b>            |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 9                                      | 150 - 2500      | 14.0       | 1.4               | -6         | 4.0        | 3/5             | SOT23-5   | 689-1008-1-ND     | 4.80                | 3.82  | 3.33  | 689-1008-2-ND     | 2,500         | 1574.40/M | RF2314TR7     |
|  | 400 - 3000      | 15.0       | 1.3               | -3.5       | 9.3        | 3.3/10          | SOT23-5   | 689-1011-1-ND     | 2.94                | 2.24  | 1.96  | 689-1011-2-ND     | 2,500         | 910.00/M  | RF2373TR7     |
|  | —               | 900 - 4000 | 14.0              | 1.3        | -5         | 7.0             | 3/10      | 8-QFN             | 689-1012-1-ND       | 3.61  | 2.76  | 2.41              | 689-1012-2-ND | 2,500     | 1118.00/M     |
| 10                                     | 400 - 1100      | 14.0       | 1.8               | —          | 4.0        | 5/14            | 14-SOIC   | 689-1013-1-ND     | 7.25                | 5.77  | 5.03  | 689-1013-2-ND     | 750           | 1195.00   | RF2418TR7     |
| <b>Low Power Amplifiers</b>            |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 11                                     | 12 - 385        | 48.0       | 5.0               | —          | 0          | 2.7/13          | 8-MSOP    | 689-1017-1-ND     | 7.06                | 5.62  | 4.89  | 689-1017-2-ND     | 750           | 1900.50   | RF2637TR7     |
| <b>Transmit / Receive Switch</b>       |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 9                                      | DC - 2500       | —          | —                 | 27.0       | 39.0       | 3/0.5 (tx mode) | SOT23-5   | 689-1014-1-ND     | 2.35                | 1.80  | 1.57  | 689-1014-2-ND     | 2,500         | 728.00/M  | RF2436TR7     |
| <b>Driver Amplifiers</b>               |                 |            |                   |            |            |                 |           |                   |                     |       |       |                   |               |           |               |
| 12                                     | 450 - 470       | 14.7       | 51                | 38         | 45         | 5 - 8/400       | AIN       | 689-1025-1-ND     | 24.45               | 21.40 | 17.58 | 689-1025-2-ND     | 750           | 7620.90   | RF3800TR7     |
| 13                                     | 1500 - 2200     | 18         | 50                | 36         | 40         | 5 - 8/630       | AIN       | 689-1026-1-ND     | 26.21               | 22.94 | 18.84 | 689-1026-2-ND     | 750           | 8169.53   | RF3806TR7     |
|  | 800 - 950       | 32         | —                 | 34†        | 57         | 3.5/200         | 16-QFN    | 689-1030-1-ND     | 9.38                | 8.04  | 6.70  | 689-1030-2-ND     | 2,500         | 3417.00/M | RF5110GTR7    |

† 800-915MHz

| Fig.  | Frequency (MHz) | Broadband Noise Floor (dBm/Hz) | Carrier Suppression (dBc) | Sideband Suppression (dBc) | OIP3 (dBm) | Vcc/ Icc (V/mA) | Package | Digi-Key Part No. | Cut Tape Price Each |       |       | Digi-Key Part No. | Tape and Reel Pricing | RFMD Part No. |
|---|-----------------|--------------------------------|---------------------------|----------------------------|------------|-----------------|---------|-------------------|---------------------|-------|-------|-------------------|-----------------------|---------------|
|   |                 |                                |                           |                            |            |                 |         |                   | 1                   | 25    | 100   |                   |                       |               |
| <b>Quadrature Modulators / Demodulators</b> |                 |                                |                           |                            |            |                 |         |                   |                     |       |       |                   |                       |               |
| 14  | 700 - 2200      | -156                           | 40                        | 43                         | 20         | 2.7 - 3.3/85    | 20-QFN  | 689-1015-1-ND     | 17.08               | 14.64 | 12.20 | 689-1015-2-ND     | 5032.50               | RF2483TR7     |
| 15  | 800 - 2500      | -152.5                         | 35                        | 35                         | 19         | 5/50            | 16-QFN  | 689-1016-1-ND     | 21.92               | 19.18 | 15.76 | 689-1016-2-ND     | 6832.88               | RF2484TR7     |
| 10  | 0.1 - 250       | —                              | 25                        | 30                         | —          | 3 - 6/10        | 14-SOIC | 689-1018-1-ND     | 8.96                | 7.68  | 6.40  | 689-1018-2-ND     | 2640.00               | RF2713TR7     |
| 16  | 800 - 2200      | -152                           | 40                        | 40                         | —          | 2.7 - 3.3/112   | 24-QFN  | 689-1029-1-ND     | 10.89               | 9.41  | 7.73  | 689-1029-2-ND     | 4455.00               | RF3854TR7     |

(Continued)

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