

# 11 Transceivers

| Part   | Description                                                    | Frequency (MHz)             | Vcc (Volts) | Icc-Rx (mA) | Icc-Tx (mA) | TX Power (dBm) | RX Sensitivity (dBm) | Package     | Page   |
|--------|----------------------------------------------------------------|-----------------------------|-------------|-------------|-------------|----------------|----------------------|-------------|--------|
| RF2510 | VHF/UHF Transmitter                                            | 300 to 1000                 | 2.4 to 5.0  | n/a         | 13          | -4             | n/a                  | SSOP-16     | 11-1   |
| RF2512 | UHF Transmitter                                                | 300 to 1000                 | 2.7 to 5.0  | n/a         | 25          | +10            | n/a                  | SSOP-24     | 11-11  |
| RF2513 | UHF Transmitter                                                | 300 to 1000                 | 2.7 to 5.0  | n/a         | 25          | +6             | n/a                  | SSOP-24     | 11-23  |
| RF2516 | VHF/UHF Transmitter                                            | 100 to 960                  | 2.0 to 3.6  | n/a         | 10.5        | +10            | n/a                  | SSOP-16     | 11-35  |
| RF2905 | 433/868/915MHz FM/FSK/ASK/OOK Transceiver                      | 300 to 1000                 | 2.7 to 5.0  | 9           | 25          | +10            | -101                 | LQFP-48     | 11-53  |
| RF2907 | 433/868/915MHz AM/ASK/OOK Transceiver                          | 300 to 1500                 | 2.7 to 5.0  | 11.5        | 20          | +7.0           | -97                  | SSOP-28     | 11-75  |
| RF2908 | 915MHz Spread Spectrum Receiver with PLL Frequency Synthesizer | 700 to 1100                 | 2.7 to 3.6  | 50          | n/a         | n/a            | TBD                  | LQFP-48     | 11-85  |
| RF2909 | 3V 915MHz Spread-Spectrum Transmitter IC                       | 100 to 1100                 | 2.7 to 5.0  | n/a         | 30 to 175   | 17             | n/a                  | SSOP-24     | 11-103 |
| RF2915 | 433/868/915MHz FSK/ASK/OOK Transceiver                         | 300 to 1000                 | 2.4 to 5.0  | 5.6         | 22          | +8.5           | -99                  | LQFP-32     | 11-111 |
| RF2917 | 433/868/915MHz FM/FSK Receiver                                 | 300 to 1000                 | 2.7 to 5.0  | 9           | n/a         | n/a            | -101                 | LQFP-32     | 11-129 |
| RF2919 | 433/868/915MHz ASK/OOK Receiver                                | 300 to 1000                 | 2.7 to 5.0  | 10          | n/a         | n/a            | -104                 | LQFP-32     | 11-143 |
| RF2925 | 433/868/915MHz FM/FSK/ASK/OOK Transceiver                      | 300 to 1000                 | 2.7 to 5.0  | 9           | 25          | +10            | -101                 | LQFP-48     | 11-161 |
| RF2926 | UHF Dual Conversion Transceiver                                | 300 to 1000                 | 2.7 to 5.0  | 10          | 37          | +8.5           | -99                  | LQFP-48     | 11-185 |
| RF2938 | 2.4GHz Spread Spectrum Transceiver                             | 45 to 500 and 2.4 to 2.5GHz | 2.7 to 3.6  | 65          | 105         | +6             | n/a                  | TQFP-48 EPP | 11-193 |
| RF2945 | 433/868/915MHz FSK/ASK/OOK Transceiver                         | 300 to 1000                 | 2.4 to 5.0  | 6.1         | 22          | +8.5           | -96                  | LQFP-32     | 11-215 |
| RF9901 | FSK Transmitter                                                | 400 to 930                  | 3.0 to 5.0  | n/a         | 30          | +2             | n/a                  | SOP-16      | 11-231 |
| RF9902 | FSK Receiver                                                   | 400 to 930                  | 3.0 to 5.0  | 25          | n/a         | n/a            | -85                  | SOP-16      | 11-239 |

