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Description	Digi-Key Part No.	Price Each	RFMD Part No.
Evaluation Board for NBB-300	689-1055-ND	35.00	NBB-300-PCK
Evaluation Board for NBB-315	689-1056-ND	35.00	NBB-310-PCK
Evaluation Board for NBB-400	689-1057-ND	35.00	NBB-400-PCK
Evaluation Board for NLB-300	689-1059-ND	35.00	NLB-300-PCK
Evaluation Board for NLB-310	689-1060-ND	35.00	NLB-310-PCK
Evaluation Board for NLB-400	689-1061-ND	35.00	NLB-400-PCK
Evaluation Board for RF2126	689-1031-ND	168.75	RF2126PCK
Evaluation Board for RF2312 500	689-1032-ND	168.75	RF2312PCK-50 OHM
Evaluation Board for RF2314	689-1033-ND	168.75	RF2314PCK
Evaluation Board for RF2317 500	689-1034-ND	168.75	RF2317PCK-50 OHM
Evaluation Board for RF2360 500	689-1035-ND	168.75	RF2360PCK-50OHM
Evaluation Board for RF2373	689-1036-ND	168.75	RF2373PCK-414
Evaluation Board for RF2374	689-1037-ND	168.75	RF2374PCBA-410
Evaluation Board for RF2418	689-1038-ND	168.75	RF2418PCK
Evaluation Board for RF2483	689-1040-ND	168.75	RF2483PCK-410
Evaluation Board for RF2484	689-1041-ND	168.75	RF2484PCK
Evaluation Board for RF2637	689-1058-ND	168.75	RF2637PCK-410
Evaluation Board for RF2713 Demodulator	689-1062-ND	168.75	RF2713PCK-D
Evaluation Board for RF2713 Modulator	689-1042-ND	168.75	RF2713PCK-M
Evaluation Board for RF3315 900MHz	689-1043-ND	168.75	RF3315PCK-411
Evaluation Board for RF3374	689-1044-ND	35.00	RF3374PCK-410
Evaluation Board for RF3375	689-1045-ND	35.00	RF3375PCK-410
Evaluation Board for RF3376	689-1046-ND	35.00	RF3376PCK-410
Evaluation Board for RF3377	689-1047-ND	35.00	RF3377PCK-410
Evaluation Board for RF3378	689-1048-ND	35.00	RF3378PCK-410
Evaluation Board for RF3800	689-1049-ND	168.75	RF3800PCK-416
Evaluation Board for RF3806	689-1050-ND	168.75	RF3806PCK-415
Evaluation Board for RF3807	689-1051-ND	168.75	RF3807PCK-415
Evaluation Board for RF3809	689-1052-ND	168.75	RF3809PCK-415
Evaluation Board for RF3854	689-1053-ND	168.75	RF3854PCK-410
Evaluation Board for RF5110G	689-1054-ND	168.75	RF5110GPCK-410



**Bluetooth® Modules and Accessories**



Roving Networks provides solutions for virtually any Bluetooth application. Utilizing CSR's BlueCore line of Bluetooth ICs, they provide modules with a small size, low power and high performance. The modules are compliant with 1.1/1.2/2.0 Bluetooth devices, allowing for ease of use. The SuperModules (RN-24x) provide a simple ASCII interface, with no need to develop a host Bluetooth stack. The adaptors provide rapid replacement of serial cables and an auto-connect feature, removing the need to Bluetooth network setup. The data acquisition module provides a low power sensor monitor/control module, with a simple interface and command structure.

Maximum Serial Data Rate	Device Power Class	Interface	Supply Voltage Typical (V)	Current TX Typical (mA)	Bluetooth Version	Antenna	Digi-Key Part No.	Price Each	10	25	Roving Networks Part No.
<b>Bluetooth Modules</b>											
921.6 Kbps	Class 1	UART, USB, PCM	3.3	65	2.0	External	740-1006-ND	49.00	39.00	35.00	RN-21
3 Mbps	Class 1	UART, USB, PCM	3.3	65	2.0	Ceramic	740-1007-ND	59.00	49.00	39.00	RN-41
921.6 Kbps	Class 1	UART	3.3	40	2.0	Ceramic	740-1008-ND	99.00	91.00	76.01	RN-24S
921.6 Kbps	Class 1	UART	3.3	40	2.0	External, SMA	740-1009-ND	99.00	91.00	76.01	RN-24E
<b>Bluetooth Adaptors</b>											
232.4 Kbps	Class 1	RS232	5	65	2.0	Ceramic	740-1000-ND	99.00	—	—	RN-240M
232.4 Kbps	Class 1	RS232	5	65	2.0	Ceramic	740-1001-ND	99.00	—	—	RN-240F
232.4 Kbps	Class 1	RS422	5	65	2.0	Ceramic	740-1002-ND	149.00	—	—	RN-422M
232.4 Kbps	Class 1	RS232	5	50	2.0	SMA Included	740-1003-ND	199.00	—	—	RN-220XP
2 Mbps	Class 1	USB	5	65	2.0	Ceramic	740-1004-ND	49.00	—	—	RN-USB-T
2 Mbps	Class 1	USB	5	65	2.0	Ceramic	740-1005-ND	99.00	—	—	RN-USB-X

A/D Specifications	Device Power Class	Supply Voltage Typical (V)	Current TX Typical (mA)	Bluetooth Version	Antenna	Digi-Key Part No.	Price Each	Roving Networks Part No.
<b>Bluetooth Data Acquisition Nodes</b>								
8-Channel, 16-bit, 3kHz Sample	Class 1	6 - 12	75	2.0	Ceramic	740-1011-ND	299.00	RN-800S-CB
8-Channel, 16-bit, 3kHz Sample	Class 1	6 - 12	75	2.0	SMA Connector	740-1012-ND	349.00	RN-800S-E
<b>Accessories</b>								
Bluetooth Antenna, Stub 1", 2.4GHz, SMA Connector						740-1015-ND	7.50	RN-SMA-S
Bluetooth Antenna, 2.5" Right Angle, SMA Connector						740-1016-ND	10.00	RN-SMA-RA
Bluetooth Antenna, 4", SMA Connector						740-1017-ND	15.00	RN-SMA-A
Power Supply for Firefly, US only						740-1018-ND	7.00	RN-PS-US
Power Supply for Firefly, International Multi-Plug						740-1019-ND	15.00	RN-PS-INT

**SEMTECH RF Transceivers, GPS Modules and Development Kits**



Semtech TrueRF™ product provides high data rates up to 153.2 kbps, drop-in modules are available for multiple frequencies. Output power is programmable on both the ICs and the modules. XM12xx modules come with antennas (RPSMA). GPS products include fully autonomous modules that can be interfaced to any application controller through a simple serial interface. Codex feature a 16-bit Sigma-Delta ADC and 16-bit PWM DAC, operating down to 1.8V in either a TSSOP or Chip-Scale package. Data Acquisition features the unique ZoomingADC™ technology, includes low-power micro-controller based sensor interface.

**RF Transceivers**

Frequency (MHz)	Typical Supply Voltage (V)	Current (Rx)	Modulation	Output Device Type	Power (dBm)	Package	Digi-Key Part No.	Price Each	1	25	100	Tape and Reel Qty.	Pricing
<b>TrueRF™ ICs — RoHS Compliant</b>													
433 / 868 / 915	2.4 - 3.6	14mA	2-FSK	Wideband Transceiver	0 / +5 / +10 / +15	48-VQFN	XE1203F063CT-ND†	9.08	6.03	5.09	2,300	482790/M	
433 / 868 / 915	2.4 - 3.6	14mA	2-FSK	Narrow-band Transceiver	0 / +5 / +10 / +15	48-VQFN	XE1205I074CT-ND†	9.45	6.28	5.30	2,300	502740/M	
433 / 868 / 915	2.0 - 3.6	14mA	2-FSK	Transmitter	+10	24-TQFN	SX1223I073CT-ND†	3.13	2.08	1.75	3,000	168750/M	
<b>Bluetooth® v1.2 SoC — RoHS Compliant</b>													
—	1.8 - 3.6	32.1	—	Radio Interface	—	—	SX1441I077LFCT-ND†	10.38	6.89	5.81	2,000	5603.00/M	
<b>UHF — RoHS Compliant</b>													
868 / 915 / 955	2.1 - 3.6	3mA	FSK / OOK	Wideband Transceiver	-8.5 - 12.5	32-TQFN	SX1211I084CT-ND†	3.95	2.63	2.22	3,000	2133.00/M	
<b>TrueRF Modules</b>													
433	2.4 - 3.6	14mA	2-FSK	Wideband Transceiver Module	15	Module 30 x 55mm	XM1203FC433XE1-ND	112.50	74.70	63.00	—	—	
868	2.4 - 3.6	14mA	2-FSK	Wideband Transceiver Module	15	Module 30 x 55mm	XM1203FC868XE1-ND	112.50	74.70	63.00	—	—	
915	2.4 - 3.6	14mA	2-FSK	Wideband Transceiver Module	15	Module 30 x 55mm	XM1203FC915XE1-ND	112.50	74.70	63.00	—	—	
433	2.4 - 3.6	14mA	2-FSK	Narrow-band Transceiver	15	Module 30 x 55mm	XM1205C433XE1-ND	112.50	74.70	63.00	—	—	

† Cut Tape ‡ For Tape and Reel part number, change CT-ND to TR-ND.

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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

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