

DIGI INTERNATIONAL Embedded RF Wireless Products

Products may be RoHS compliant.
Check mouser.com for RoHS status.



Wireless Solutions

Easy-to-Use! No configuration is necessary for out-of-box RF operation. Simply feed data into one module, then the data is sent out the other end of the wireless link. If more advanced functionality is needed, the modules support an extensive set of AT commands.

MaxStream 900MHz solutions are certified for use in North America, but integrators in Europe must use Digi RF 2.4GHz solutions.

XBee Specifications:	RoHS Compliant	XBee-Pro Specifications:	RoHS Compliant
<ul style="list-style-type: none"> Indoor/Urban Range: Up to 100' (30m) Outdoor Line-of-Sight Range: Up to 300' (100m) Transmit Power Output: 1mW (0dBm) Power-Down Current: <10µA Operating Frequency: 2.4GHz RF Data Rate: 250,000bps 		<ul style="list-style-type: none"> Indoor/Urban Range: Up to 300' (100m) Outdoor Line-of-Sight Range: Up to 1 mile (1.6km) Transmit Power Output: 100mW (20dBm) EIRP Power-Down Current: <10µA Operating Frequency: 2.4GHz RF Data Rate: 250,000bps 	

PROGRAMMABLE XBEE PRO® DEVELOPMENT KIT (ZIGBEE/802.15.4)

MOUSER STOCK NO.	Digi Intl. Part No.	Description	Price Each
888-XBP24-BZ7B-DK	XBP24BZ7B-DK	Dev Kit (2) XBee-PRO ZB Programmable Modules (1 Wire Variant, 1 RPSMA Variant); (1) XStick ZB; (1) Debugger; (1) XBee RS-232 Interface Dev Board; (1) XBee USB Interface Dev Board; Accessories and Power Supply (Including International Plug Kit)	399.00

PROGRAMMABLE XBEE PRO® ZB MODULES (ZIGBEE/802.15.4)

MOUSER STOCK NO.	Digi Intl. Part No.	Frequency	Transmit Power Outlet	Antenna	RF Data Rate	Price Each
888-XBP24-BZ7PIT-004	XBP24-BZ7PIT-004	2.4 GHz Xbee	63mW	PCB embedded	250000bps	28.00
888-XBP24-BZ7SIT-004	XBP24-BZ7SIT-004	2.4 GHz Xbee	63mW	RPSMA	250000bps	29.00
888-XBP24-BZ7WIT-004	XBP24-BZ7WIT-004	2.4 GHz Xbee	63mW	Wire Whip	250000bps	28.00

DIGI M10™ COMPACT SATELLITE MODEM

The Digi m10™ satellite module provides worldwide satellite data connectivity for a wide variety of asset-tracking and industrial remote communication applications. Small footprint satellite modem with global satellite connectivity is designed for a wide variety of asset tracking and remote device communication applications.

MOUSER STOCK NO.	Digi Intl. Part No.	Description	Price Each
860-DG-M10-KIT	DG-M10-KIT	JumpStart Development Kit includes Quick start guide, Free 90-day limited ORBCOMM connectivity, Digi m10 Satellite modem, telescopic antenna, 12' extension cable, development board, software CD, power supply and accessories	299.00
860-DG-M10	DG-M10	Satellite module without antenna	179.00

XBEE® & XBEE-PRO® ZB ZIGBEE PRO DEVELOPMENT KITS

MOUSER STOCK NO.	Digi Intl. Part No.	Description	Price Each
888-XBP24BZ7B-DK-W	XBP24BZ7B-DK-W	Dev Kit (2) XBee-PRO ZB International Programmable Modules (1 Wire Variant, 1 RPSMA Variant); (1) XStick ZB; (1) Debugger; (1) XBee RS-232 Interface Dev Board; (1) XBee USB Interface Dev Board; Accessories and Power Supply (Including International Plug Kit)	399.00

XBEE® & XBEE-PRO® ZB ZIGBEE PRO RF MODULES

MOUSER STOCK NO.	Digi Intl. Part No.	Description	Price Each		
			1	250	500
888-XBP24-BZ7PIT-004	XBP24BZ7PIT-004	XBee-PRO ZB S2B, 63mW, PCB antenna, 250 Kbps Rtr/End Dev AT	28.00	27.78	27.13
888-XBP24BZ7PIT-004J	XBP24BZ7PIT-004J	XBee-PRO ZB S2B, 63mW, PCB antenna, 250 Kbps Rtr/End Dev AT units limited to 10mW	28.00	27.78	27.13
888-XBP24-BZ7SIT-004	XBP24BZ7SIT-004	XBee-PRO ZB S2B, 63mW, RPSMA, 250 Kbps Rtr/End Dev AT,	29.00	28.77	28.10
888-XBP24BZ7UIT-004	XBP24BZ7UIT-004	XBee-PRO ZB S2B, 63mW, UFL antenna, 250 Kbps Rtr/End Dev AT,	28.00	27.78	27.13
888-XBP24-BZ7WIT-004	XBP24BZ7WIT-004	XBee-PRO ZB S2B, 63mW, WIRE antenna, 250 Kbps Rtr/End Dev AT,	28.00	27.78	27.13
888-XBP24BZ7WIT-004J	XBP24BZ7WIT-004J	XBee-PRO ZB S2B, 63mW, WIRE antenna, 250 Kbps Rtr/End Dev AT, units limited to 10mW	28.00	27.78	27.13
888-XBP24BZ7PITB-003	XBP24BZ7PITB003	XBee-PRO ZB Programmable (32KB/2KB), 63mW, PCB ant, 250 Kbps, Rtr/End Dev API,	33.00	32.74	31.97
888-XBP24BZ7SITB-003	XBP24BZ7SITB003	XBee-PRO ZB Programmable (32KB/2KB), 63mW, RPSMA,	35.00	34.72	33.91
888-XBP24BZ7UITB-003	XBP24BZ7UITB003	XBee-PRO ZB Programmable (32KB/2KB), 63mW, UFL ant,	33.00	32.74	31.97
888-XBP24BZ7WITB-003	XBP24BZ7WITB003	XBee-PRO ZB Programmable (32KB/2KB), 63mW, WIRE ant,	33.00	32.74	31.97

XBEE™ ZIGBEE OEM RF MODULE

The XBee Series 2 ZigBee OEM RF Module satisfies the unique needs of low-cost, low-power wireless mesh sensor networks. The modules are easy-to-use, require minimal power and provide reliable delivery of critical data between devices. Its small form factor saves valuable board space. The XBee Series 2 module operates within the ISM 2.4GHz frequency band and is pin-for-pin compatible with XBee Series 1 modules. The modules are optimized for use in US, Canada, Australia, and Europe. No configuration is necessary for out-of-box RF communications. The module's default configuration supports a wide range of data system applications. Advanced configurations can be implemented using simple AT commands or API.

XBee Technology Development Kits (Zigbee/802.15.4)

MOUSER STOCK NO.	Digi Intl. Part No.	Description	Price Each
888-XBP24-DKS	XBP24-DKS	XBee-PRO Starter Development Kit includes 2 XBee-PRO units	179.00
888-XB24-DKS	XB24-DKS	XBee Starter Development Kit includes 2 XBee units	129.00
888-XB24-DKS-INT	XB24-DKS-INT	XBee Starter Development Kit includes 2 XBee units	129.00
888-XB24-BPDK	XB24-BPDK	XBee Series 2 Development Kit includes 5 XBee series 2 modules	339.00

XBee OEM Modules (Zigbee/802.15.4)

MOUSER STOCK NO.	Digi Intl. Part No.	Frequency	Transmit Power Outlet	Antenna	RF Data Rate	Price Each
888-XB24-AWI-001	XB24-AWI-001	Xbee	1mW	Wire antenna	250000bps	19.00
888-XB24-ACI-001	XB24-ACI-001	Xbee	1mW	Chip antenna	250000bps	19.00
888-XB24-AUI-001	XB24-AUI-001	Xbee	1mW	U.FL ant connector	250000bps	22.50

XBee-PRO OEM Modules (Zigbee/802.15.4)

MOUSER STOCK NO.	Digi Intl. Part No.	Frequency	Transmit Power Outlet	Antenna	RF Data Rate	Price Each
888-XBP24-AWI-001	XBP24-AWI-001	XBee-PRO	50mW	Wire antenna	250000bps	32.00
888-XBP24-ACI-001	XBP24-ACI-001	XBee-PRO	50mW	Chip antenna	250000bps	32.00
888-XBP24-AUI-001	XBP24-AUI-001	XBee-PRO	50mW	U.FL ant connector	250000bps	32.00

