

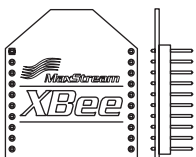
DIGI INTERNATIONAL Embedded RF Wireless Products



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

XBee Specifications:

- Indoor/Urban Range: Up to 133' (40m)
- Outdoor Line-of-Sight Range: Up to 400' (120m)
- Transmit Power: 1.25mW (+1dBm)
- Power-Down Current: <10µA
- Operating Frequency: 2.4GHz
- RF Data Rate: 250,000bps
- Receiver Sensitivity (1% PER) -96dBm in boost mode



XBee-Pro Specifications:

- Indoor/Urban Range: Up to 300' (100m)
- Outdoor Line-of-Sight Range: Up to 2 miles (3200m)
- Transmit Power: 63mW (+18dBm)
- Power-Down Current: <10µA
- Operating Frequency: 2.4GHz
- RF Data Rate: 250,000bps
- Receiver Sensitivity (1% PER) -102dBm



XBEE® & XBEE-PRO® ZB RF MODULES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Digi International Part No.	Antenna Type	Transmit Current (mA)	Receive Current (mA)	Supply Voltage (VDC)	Price Each
XBee & XBee-PRO Coordinators & Router/End Devices						
888-XB24-Z7WIT-003	XB24-Z7WIT-003	Wire	35/45 @ 3.3VDC	47	2.7-3.6	17.00
888-XBP24-Z7WIT-003	XBP24-Z7WIT-003	Wire	205	47	2.7-3.6	34.00
888-XBP24-Z7UIT-001	XBP24-Z7UIT-001	U.FL	205	47	2.7-3.6	34.00
888-XBP24BZ7SIT-001	XBP24BZ7SIT-001	RPSMA	205	47	2.7-3.6	29.00
888-XBP24BZ7SIT-003	XBP24BZ7SIT-003	RPSMA	205	47	2.7-3.6	29.00
XBee ZB SMT - Programmable						
888-XB24CZ7RISB003	XB24CZ7RISB003	RF Pad	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.1-3.6	23.35
888-XB24CZ7PISB003	XB24CZ7PISB003	PCB	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.1-3.6	23.35
888-XB24CZ7UISB003	XB24CZ7UISB003	U.FL	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.1-3.6	23.35
XBee ZB SMT - Non-Programmable						
888-XB24CZ7PIS-004	XB24CZ7PIS-004	PCB	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.7-3.6	17.50
888-XB24CZ7RIS-004	XB24CZ7RIS-004	RF Pad	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.7-3.6	17.50
888-XB24CZ7UIS-004	XB24CZ7UIS-004	U.FL	35/45 @ 3.3VDC	38/40 @ 3.3VDC	2.7-3.6	17.50
XBee 802.15.4 Low Power						
888-XB24-API-001	XB24-API-001	PCB	35/45 @ 3.3VDC	50 @ 3.3V	2.8-3.4	19.00
888-XB24-AWI-001	XB24-AWI-001	Wire	35/45 @ 3.3VDC	50 @ 3.3V	2.8-3.4	19.00
888-XB24-AUI-001	XB24-AUI-001	U.FL	35/45 @ 3.3VDC	50 @ 3.3V	2.8-3.4	19.00
XBee-PRO Extended Range						
888-XBP24-BZ7PIT-004	XBP24BZ7PIT-004	PCB	205	47	2.7-3.6	28.00
888-XBP24BZ7PIT-004J	XBP24BZ7PIT-004J	PCB	205	47	2.7-3.6	28.00
888-XBP24-BZ7SIT-004	XBP24BZ7SIT-004	RPSMA	205	47	2.7-3.6	29.00
888-XBP24BZ7UIT-004	XBP24BZ7UIT-004	U.FL	205	47	2.7-3.6	28.00
888-XBP24-BZ7WIT-004	XBP24BZ7WIT-004	Wire	205	47	2.7-3.6	28.00
888-XBP24BZ7WIT-004J	XBP24BZ7WIT-004J	Wire	205	47	2.7-3.6	28.00
XBee-PRO Extended Range - Programmable						
888-XBP24BZ7PITB003	XBP24BZ7PITB003	PCB	220	62	2.7-3.6	33.00
888-XBP24BZ7SITB003	XBP24BZ7SITB003	RPSMA	220	62	2.7-3.6	35.00
888-XBP24BZ7UITB003	XBP24BZ7UITB003	U.FL	220	62	2.7-3.6	33.00
888-XBP24BZ7WITB003	XBP24BZ7WITB003	Wire	220	62	2.7-3.6	33.00
XBee-PRO ZB SMT - Programmable						
888-XBP24CZ7RISB003	XBP24CZ7RISB003	RF Pad	220	62	2.7-3.6	33.50
888-XBP24CZ7PISB003	XBP24CZ7PISB003	PCB	220	62	2.7-3.6	33.50
888-XBP24CZ7UISB003	XBP24CZ7UISB003	U.FL	220	62	2.7-3.6	33.50
XBee-PRO ZB SMT -Non-Programmable						
888-XBP24CZ7PIS-004	XBP24CZ7PIS-004	PCB	205	47	2.7-3.6	28.50
888-XBP24CZ7RIS-004	XBP24CZ7RIS-004	RF Pad	205	47	2.7-3.6	28.50
888-XBP24CZ7UIS-004	XBP24CZ7UIS-004	U.FL	205	47	2.7-3.6	28.50
XBee-PRO 802.15.4 Extended Range						
888-XBP24-API-001	XBP24-API-001	PCB	35/45 @ 3.3V	50/55 @ 3.3V	2.8-3.4	32.00
888-XBP24-AWI-001	XBP24-AWI-001	Wire	35/45 @ 3.3VDC	50 @ 3.3V	2.7-3.6	32.00
888-XBP24-AUI-001	XBP24-AUI-001	U.FL	35/45 @ 3.3VDC	50 @ 3.3V	2.7-3.6	32.00
888-XBP24-AWI-080	XBP24-AWI-080	Wire	215 @ 3.3VDC	55 @ 3.3VDC	2.8-3.4	32.00

XBEE™ OEM RF MODULES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Digi International Part No.	Antenna Type	Transmit Current (mA)	Receive Current (mA)	Supply Voltage (VDC)	Price Each
XBee 865LP Low Power RF						
888-XB8-DMRS-002	XB8-DMRS-002	RF Pad	48	27	2.7-3.6	23.00
888-XB8-DMUS-002	XB8-DMUS-002	U.FL	48	27	2.7-3.6	23.00
888-XB8-DPPS-001	XB8-DPPS-001	PCB	48	27	2.7-3.6	23.00
888-XB8-DPRS-001	XB8-DPRS-001	RF Pad	48	27	2.7-3.6	23.00
888-XB8-DPUS-001	XB8-DPUS-001	U.FL	48	27	2.7-3.6	23.00
XBee-PRO 868 RF						
888-XBP08-DPWIT-024	XBP08-DPWIT-024	Wire	500 @ 3.3V	65	3.0-3.6	69.00
860-XBP08-DPSIT-024	XBP08-DPSIT-024	RPSMA	500 @ 3.3V	65	3.0-3.6	72.00
888-XBP08-DPUIT-024	XBP08-DPUIT-024	U.FL	500 @ 3.3V	65	3.0-3.6	69.00
XBee-PRO 900HP (S3B)						
888-XBP9B-DMST-002	XBP9B-DMST-002	RPSMA	215	29	2.1-3.6	39.00
888-XBP9B-DMUT-002	XBP9B-DMUT-002	U.FL	215	29	2.1-3.6	39.00
888-XBP9B-DMWT-002	XBP9B-DMWT-002	Wire	215	29	2.1-3.6	39.00
888-XBP9B-DPST-001	XBP9B-DPST-001	RPSMA	215	29	2.1-3.6	39.00
888-XBP9B-DPUT-001	XBP9B-DPUT-001	U.FL	215	29	2.1-3.6	39.00
888-XBP9B-DPWT-001	XBP9B-DPWT-001	Wire	215	29	2.1-3.6	39.00
XBee-PRO XSC S3B 900MHz						
888-XBP9B-XCST-001	XBP9B-XCST-001	RPSMA	215	26	2.4-3.6	42.00
888-XBP9B-XCST-002	XBP9B-XCST-002	RPSMA	215	26	2.4-3.6	42.00
888-XBP9B-XCST-021	XBP9B-XCST-021	RPSMA	215	26	2.4-3.6	49.00
888-XBP9B-XCST-022	XBP9B-XCST-022	RPSMA	215	26	2.4-3.6	41.94
888-XBP9B-XCUT-001	XBP9B-XCUT-001	U.FL	215	26	2.4-3.6	39.00
888-XBP9B-XCUT-002	XBP9B-XCUT-002	U.FL	215	26	2.4-3.6	39.00
888-XBP9B-XCUT-021	XBP9B-XCUT-021	U.FL	215	26	2.4-3.6	39.00
888-XBP9B-XCUT-022	XBP9B-XCUT-022	U.FL	215	26	2.4-3.6	39.00
888-XBP9B-XCWT-001	XBP9B-XCWT-001	Wire	215	26	2.4-3.6	39.00
888-XBP9B-XCWT-002	XBP9B-XCWT-002	Wire	215	26	2.4-3.6	39.00
888-XBP9B-XCWT-021	XBP9B-XCWT-021	Wire	215	26	2.4-3.6	39.00
888-XBP9B-XCWT-022	XBP9B-XCWT-022	Wire	215	26	2.4-3.6	39.00
XBee DigiMesh 2.4 RF						
888-XB24-DMPIT-250	XB24-DMPIT-250	PCB	45	50	2.8-3.4	19.00
XBee Wi-Fi						
888-XB24-WFPIT-001	XB24-WFPIT-001	PCB	Up to 260	140	3.1-3.6	35.00
888-XB24-WFSIT-001	XB24-WFSIT-001	RPSMA	Up to 260	140	3.1-3.6	35.00
888-XB24-WFUIT-001	XB24-WFUIT-001	U.FL	Up to 260	140	3.1-3.6	35.00
888-XB24-WFWIT-001	XB24-WFWIT-001	Wire	Up to 260	140	3.1-3.6	35.00