



**Channel New Product Notice #150629: XBee ZigBee (S2C) Through-Hole**

**Date:** June 29, 2015

**Product:** XBee/XBee-PRO ZigBee (S2C) Through-Hole Modules

**Description:** Digi's XBee and XBee-PRO ZigBee RF modules provide cost-effective wireless connectivity to electronic devices. They are interoperable with other ZigBee PRO feature set devices, including devices from other vendors. XBee and XBee-PRO ZigBee modules are ideal for applications in the energy and controls markets where manufacturing efficiencies are critical.

Digi currently offers a through-hole XBee ZigBee module that uses the Silicon Labs EM250 transceiver. With this release, the XBee ZigBee through-hole module will be available with the EM357 transceiver. The EM357 transceiver is faster, has lower current draw, and has significantly more RAM and flash. These advanced features allow EM357-based modules to support more child nodes, handle more network traffic, have more memory for code updates, and operate more efficiently. This release rounds out the EM357-based XBee ZigBee module offering with both through-hole and surface-mount form factors.

For current customers interested in taking advantage of these performance improvements, a migration guide has been attached that will assist with migrating from the EM250-based XBee ZigBee modules to the EM357-based XBee ZigBee modules.

**Geography:** Available to order for customers worldwide

**Part Numbers/Descriptions:**

Item Number	Item Description
XB24CZ7UIT-004	XBee ZB S2C TH (U.FL Antenna)
XB24CZ7SIT-004	XBee ZB S2C TH (RPSMA Antenna)
XB24CZ7WIT-004	XBee ZB S2C TH (Wire Antenna)
XB24CZ7PIT-004	XBee ZB S2C TH (PCB Antenna)
XB24CZ7UITB003	Programmable XBee ZB S2C TH (U.FL Antenna)
XB24CZ7SITB003	Programmable XBee ZB S2C TH (RPSMA Antenna)
XB24CZ7WITB003	Programmable XBee ZB S2C TH (Wire Antenna)
XB24CZ7PITB003	Programmable XBee ZB S2C TH (PCB Antenna)
XBP24CZ7UIT-004	XBee-PRO ZB S2C TH (U.FL Antenna)
XBP24CZ7SIT-004	XBee-PRO ZB S2C TH (RPSMA Antenna)
XBP24CZ7WIT-004	XBee-PRO ZB S2C TH (Wire Antenna)

XBP24CZ7PIT-004	XBee-PRO ZB S2C TH (PCB Antenna)
XBP24CZ7UITB003	Programmable XBee-PRO ZB S2C TH (U.FL Antenna)
XBP24CZ7SITB003	Programmable XBee-PRO ZB S2C TH (RPSMA Antenna)
XBP24CZ7WITB003	Programmable XBee-PRO ZB S2C TH (Wire Antenna)
XBP24CZ7PITB003	Programmable XBee-PRO ZB S2C TH (PCB Antenna)

**Pricing:**

Item Number	MSRP (USD)	Disti (USD)
XB24CZ7UIT-004	\$17.50	\$13.68
XB24CZ7SIT-004	\$17.50	\$13.68
XB24CZ7WIT-004	\$17.50	\$13.68
XB24CZ7PIT-004	\$17.50	\$13.68
XB24CZ7UITB003	\$20.25	\$15.59
XB24CZ7SITB003	\$20.25	\$15.59
XB24CZ7WITB003	\$20.25	\$15.59
XB24CZ7PITB003	\$20.25	\$15.59
XBP24CZ7UIT-004	\$28.50	\$22.20
XBP24CZ7SIT-004	\$28.50	\$22.20
XBP24CZ7WIT-004	\$28.50	\$22.20
XBP24CZ7PIT-004	\$28.50	\$22.20
XBP24CZ7UITB003	\$31.25	\$24.06
XBP24CZ7SITB003	\$31.25	\$24.06
XBP24CZ7WITB003	\$31.25	\$24.06
XBP24CZ7PITB003	\$31.25	\$24.06

**Shipping Code:**

ECCN: 5A992(c)

CCAT: G152785

Tariff Code: 8517.62.0050

**MOQ:** QTY 1

**Lead Times:**

1 - 500 units – 2 weeks

501 - 1,000 units – 4 weeks

1,001+ units – 6+ weeks

**Stocking Recommendations:** See attached NPI stock form

**Channel Launch Date:** August 4, 2015