



PRODUCT CHANGE NOTICE # 120305

Date:

March 5th, 2012

Product:

XBee RF Modules – Series 1 and Series 2 (802.15.4, DigiMesh 2.4, ZB)

Notice:

Digi has released new XBee 802.15.4, XBee DigiMesh 2.4 and XBee ZB modules with an embedded PCB antenna. The new PCB antenna modules will replace all existing chip antenna modules.

XBee 802.15.4, XBee DigiMesh 2.4 and XBee ZB standard modules with the chip antenna are going EOL by May 31st, 2012. Digi recommends that all customers begin implementing the new PCB antenna modules into existing designs immediately.

The next section of this notice provides a detailed list of the part numbers that are going EOL and the replacement part numbers.

Part Numbers:

Old Part Number	New Part Number
XB24-ACI-001	XB24-API-001
XB24-ACI-070	XB24-API-070
XB24-ACI-080	XB24-API-080
XB24-DMCIT-250	XB24-DMPIT-250
XB24-ACI-001J	XB24-API-001J
XBP24-ACI-080	XBP24-API-080
XBP24-ACI-001	XBP24-API-001
XBP24-ACI-080J	XBP24-API-080J
XBP24-ACI-001J	XBP24-API-001J
XBP24-DMCIT-250	XBP24-DMPIT-250
XBP24-DMCIT-250J	XBP24-DMPIT-250J
XB24-BCIT-001	XB24-BPIT-001
XB24-BCIT-003	XB24-BPIT-003
XB24-BCIT-004	XB24-BPIT-004
XB24-Z7CIT-001	XB24-Z7PIT-001
XB24-Z7CIT-002	XB24-Z7PIT-002
XB24-Z7CIT-003	XB24-Z7PIT-003
XB24-Z7CIT-004	XB24-Z7PIT-004
XB24-Z7CIT-I059	XB24-Z7PIT-I059
XBP24-BCIT-001	XBP24-BPIT-001
XBP24-BCIT-002	XBP24-BPIT-002
XBP24-BCIT-003	XBP24-BPIT-003
XBP24-BCIT-004	XBP24-BPIT-004
XBP24-Z7CIT-001	XBP24-Z7PIT-001
XBP24-Z7CIT-002	XBP24-Z7PIT-002

XBP24-Z7CIT-003	XBP24-Z7PIT-003
XBP24-Z7CIT-004	XBP24-Z7PIT-004
XBP24-Z7CIT-005	XBP24-Z7PIT-005
XBP24-Z7CIT-006	XBP24-Z7PIT-006
XBP24-BCIT-001J	XBP24-BPIT-001J
XBP24-BCIT-002J	XBP24-BPIT-002J
XBP24-BCIT-003J	XBP24-BPIT-003J
XBP24-BCIT-004J	XBP24-BPIT-004J
XBP24-Z7CIT-001J	XBP24-Z7PIT-001J
XBP24-Z7CIT-002J	XBP24-Z7PIT-002J
XBP24-Z7CIT-003J	XBP24-Z7PIT-003J
XBP24-Z7CIT-004J	XBP24-Z7PIT-004J
XBP24-Z7CIT-005J	XBP24-Z7PIT-005J
XBP24-Z7CIT-006J	XBP24-Z7PIT-006J
XBP24-Z7C-I062J	XBP24-Z7P-I062J
XBP24-Z7C-I063J	XBP24-Z7P-I063J

Pricing:

No change—the price of the PCB versions is the same as the chip versions.

EOL Timelines:

EOL Announcement – March 6, 2012

Last-Time Buy – May 31, 2012

Last-Time Ship – November 30, 2012

Product Details:

The new XBee 802.15.4, XBee DigiMesh 2.4 and XBee ZB modules with the PCB antenna will be a direct, drop-in replacement for each of the chip antenna equivalents. The physical size of the new embedded PCB antenna modules are identical to the modules with the chip antenna. The only noticeable difference will be the absence of the chip antenna.

The radiation pattern of the PCB antenna is slightly different than the chip antenna but the overall performance of the PCB antenna will be the same or slightly better than the chip antenna.

The PCB antenna modules are now available and all versions have the FCC, IC, CE, and C-Tick certifications. Telec (Japan) certifications will only be available on the non-pro XBee 802.15.4 and non-pro DigiMesh (S1) modules.

If you have concerns or questions about this notice please contact your local sales representative or our support department. Support can be reached via telephone at 801-765-9885 or visit us online at <http://www.digi.com/support/eservice/> to submit a request.