PRODUCT NOTICE # 150225.V2

Date: February 25, 2015
Revision: March 24, 2015

Product:
XBee Interface Boards

Issue Summary:
Some Digi XBee® development board kits exhibit an inability to enumerate when powered solely from a PC via the USB port. The cause for failure was found to be on the development board (see below Table 1 for affected board versions) where a small variation on the voltage regulator causes some USB circuits to not function properly. This issue can be resolved reliably by using the external power supply supplied in most of the kits. See the **Errata Sheet # 150320** for more information. Once a product initially enumerates the product should continue to operate to specification.

Affected Part Numbers:
See Tables below.

Additional Information:
For customers who wish to return any affected product, a Return for Merchandise Authorization (RMA) may be requested by accessing our website and following the options at
http://www.digi.com/support/returnmerchandise.

If you have concerns or questions about this notice please contact our support department via telephone at 801-765-9885 or visit us online at http://www.digi.com/support/eservice/ to submit a request.

Product Management
Digi International

Table 1: Affected Development Boards (Revision E and later revisions are not affected)

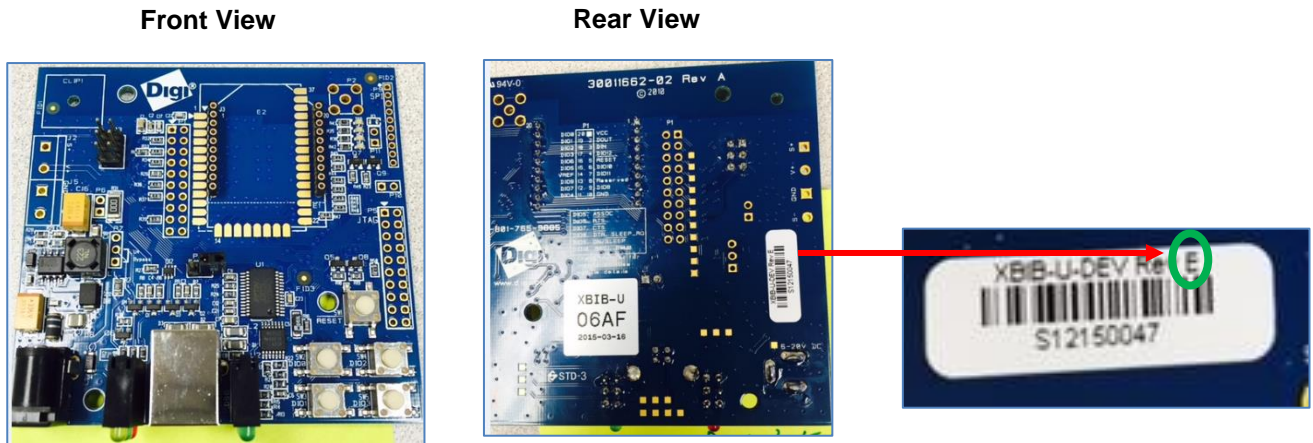| Part Number	Revision	Description
XBIB-U-DEV	D	XBee, Dev Interface Board USB
XBIB-U-SS	D	XBee USB Interface Board - SMT Socket

Image 2: Example board P/N: XBIB-U-DEV:

Front View   **Rear View**

Table 2: Affected Kits without power supplies

ITEM	DESCRIPTION	DEVELOPMENT BOARD PART NUMBER(S)	Replacement Power Supply
XB24-DKS-INT	XBee Starter Development Kit	XBIB-U-DEV (QTY 2)	76000738 (PS,12VDC 100-240V 18W 1.5A)
XB24-PDK-INT	XBee Professional Developer's	XBIB-U-DEV (QTY 5)	
XBP24-DKS-INT	XBee-PRO Starter Development K	XBIB-U-DEV (QTY 2)	
XBP24BZ7B-DK	XBP,ZB Programmable Dev Kit	XBIB-U-DEV (QTY 2)	
XBP24BZ7B-DK-W	XBP,ZB Int Programmable Dev Kit	XBIB-U-DEV (QTY 2)	
XBP24BZ7B-DK-WJ	XBP,ZB Jpn Programmable Dev Kit	XBIB-U-DEV (QTY 2)	
XK2B-WFT-0	XBee, S6B Wi-Fi Development Kit	XBIB-U-DEV (QTY 1); XBIB-U-SS (QTY 1)	
XK2-Z7SB0	XBP, ZB SMT 32K Prog Dev Kit US	XBIB-U-SS (QTY 2)	
XK2-Z7SBE0	XBP, ZB SMT 32K Prog Dev Kit EMEA	XBIB-U-SS (QTY 2)	
XK2-Z7SBJ0	XBP, ZB SMT 32K Prog Dev Kit JPN	XBIB-U-SS (QTY 2)	
XK2B-WFT-0	XBee, S6B Wi-Fi Development Kit	XBIB-U-DEV (QTY 1); XBIB-U-SS (QTY 1)	

Table 3: Affected Kits with External Power Supplies Included

ITEM	DESCRIPTION	BOARD / REPLACEMENT BOARD	POWER SUPPLY (INCLUDED)	Replacement Power Supply
XB24-DKS	XBee Starter Development Kit	XBIB-U-DEV (QTY 2)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 1) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 1)	76000738 (PS,12VDC 100-240V 18W 1.5A)
XB24-DKSJ	XB 2.4,S1 Starter Kit,Jpn	XBIB-U-DEV (QTY 2)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply) (QTY 1)	
XB24-DMDK	XBee DigiMesh 2.4 Dev Kit	XBIB-U-DEV (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XB24-DMDK-WJ	XBee DigiMesh 2.4 Dev Kit Jpn	XBIB-U-DEV (QTY 4)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply) (QTY 2)	
XB24-PDK	XBee Professional Developer's	XBIB-U-DEV (QTY 5)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 3) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 3)	
XB24-PDKJ	XBee 802.15.4 Dev Kit Jpn	XBIB-U-DEV (QTY 5)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply) (QTY 3)	
XBP08-DK	XBee-PRO 868 Development Kit	XBIB-U-DEV (QTY 2)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 1) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 1)	
XBP09-DMDK	XBee-PRO DigiMesh 900 Dev Kit	XBIB-U-DEV (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XBP24-DKS	XBee-PRO Starter Development K	XBIB-U-DEV (QTY 2)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 1) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 1)	
XBP24-DKSJ	XBeePRO Starter Dev Kit Japan	XBIB-U-DEV (QTY 2)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply) (QTY 1)	
XK-Z11-M	ZigBee, RF Module Dev Kit	XBIB-U-DEV (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A)(QTY2)	
XK-Z11-M-W	ZigBee, RF Module Dev Kit-Int	XBIB-U-DEV (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XK-Z11-M-WA	ZigBee, RF Module Dev Kit - Austr	XBIB-U-DEV (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XK-Z11-T	iDigi Tank ZB US Kit	XBIB-U-DEV (QTY 1)	24000077 (PS,12V OUT 100/240 LOCK, ISOL RTN)(QTY 1)	
XK-Z11-T-W	iDigi Tank ZB Kit Int	XBIB-U-DEV (QTY 1)	24000077 (PS,12V OUT 100/240 LOCK, ISOL RTN)(QTY 1)	
XK9-XCT-0	XBee-PRO, XSC S3B Dev Kit	XBIB-U-DEV (QTY 2)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply)(QTY 1)	
XK9-XCT-2	XBee-PRO, XSC S3B 920 MHz 9.6k	XBIB-U-DEV (QTY 2)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 1) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 1)	
XKP9-DM-0	XBee-PRO 900HP S3B Dev Kit (Do	XBIB-U-DEV (QTY 3)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply)(QTY 2)	
XKP9-DM-1	XBee-PRO 900HP S3B 920MHz (B	XBIB-U-DEV (QTY 3)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XKP9-DM-2	XBee-PRO 900HP S3B 920MHz (A	XBIB-U-DEV (QTY 3)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XKP9-DM-4	XBee-PRO 900HP S3B 920MHz (S	XBIB-U-DEV (QTY 3)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XKP9-DMB0	XBP, PROG 900HP S3B DEV KIT	XBIB-U-DEV (QTY 3)	JP5P2-9V11-6F (9V 1.1A 10 Watt Power Supply)(QTY 2)	
XK-Z11-S	ZigBee SMT RF Module Dev Kit	XBIB-U-SS (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A)(QTY 2)	
XK-Z11-S-W	ZigBee SMT RF Module Dev Kit-In	XBIB-U-SS (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XK-Z11-S-WA	ZigBee SMT RF Module Dev Kit - A	XBIB-U-SS (QTY 4)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XK8-DMS-0	XBee, 865/868LP Dev Kit	XBIB-U-SS (QTY 3)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	
XK8-DMSB0	XBee, 865/868LP Programmable	XBIB-U-SS (QTY 3)	24000056 (PS,12VDC 100-240V 18W 1.5A) (QTY 2) 18000291 (CONN,AC Plug Kit EU,UK,AUST) (QTY 2)	