Product Change Notification

	Product Change Notification	**Date** December 26, 2018
Product	Digi XBee S1 Non-PRO	

Reason for Change

☐	Technical Requirement	☒	Product Transition
☐	Customer Requirement	☐	Product Discontinuation
☐	Quality Improvement	☐	Product Enhancement
		☐	Other (Brand Change)

Description of change	Due to product family consolidation, the Digi XBee S1 Non-PRO product line will be phased out. Earlier this year, we announced the End of Life on the Digi XBee S1 PRO model. The Digi XBee 3 is a drop in replacement for the Digi XBee S1 Non-PRO and is a form, fit, and functional equivalent. The XBee3 provides the following enhancements over Digi XBee S1: • Increased range and receiver sensitivity • Programmability with MicroPython • Bluetooth low energy functionality

Affected Part Numbers	See Appendix

Timing of Change	Effectivity dates-See Appendix

Technology Introduction	2000

Last Time Buy	See Appendix

Quality Issues	None

Notes	**Additional Information** • Customers will have to re-certify their end product for regional regulatory requirements (e.g. FCC Part 15 unintentional radiator) • The whip antenna variant of XBee S1 is no longer available on XBee 3 and is instead replaced with an integrated PCB antenna variant. Range testing was performed to verify similar wireless performance between these two variants. • Compatibility report with performance testing of Digi XBee 3 integration into an existing S1 network, Migration guides for 802.15.4 and DigiMesh are attached • Last time shipments will be completed by September 30, 2019

- Pricing will increase by 10% for orders received after March 29, 2019

*The replacement part numbers are pre-configured with Zigbee protocol firmware. The modules can be re-programmed to run either 802.15.4 or DigiMesh protocols using the Digi XCTU utility or via an external host microcontroller

Samples availability

Please contact your Digi Sales Rep.

Authorization	Jim Pause, Product Manager, Digi International

Appendix

Part Number	Description	* Digi XBee3 Replacement number	Description	LTB date
XB24-API-001	XBee24, 2.4GHz PCB Ant	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019
XB24-API-070	XBee24, 802.15.4 PCB Ant F/W 108x	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019
XB24-API-080	XBee24, 2.4GHz PCB Ant F/W 10Ax	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019
XB24-ASI-001	XBee24 2.4GHz RPSMA I	XB3-24Z8ST-J	XBee3, 2.4 GHz ZB 3.0, SMA Antenna, TH MT	June 28, 2019
XB24-AUI-001	XBee24 2.4GHz RFCON I	XB3-24Z8UT-J	XBee3, 2.4 GHz ZB 3.0, U.FL Antenna Connector TH MT	June 28, 2019
XB24-AWI-001	XBee24 2.4GHz WIRE I	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019
XB24-DMPIT-250	XBee, 2.4 DM PCB Ant	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019
XB24-DMSIT-250	XBee 2.4 DM RPSMA	XB3-24Z8ST-J	XBee3, 2.4 GHz ZB 3.0, SMA Antenna, TH MT	June 28, 2019
XB24-DMUIT-250	XBee 2.4 DM U.FL	XB3-24Z8UT-J	XBee3, 2.4 GHz ZB 3.0, U.FL Antenna Connector TH MT	June 28, 2019
XB24-DMWIT-250	XBee 2.4 DM Wire	XB3-24Z8PT-J	XBee3, 2.4 GHz ZB 3.0, PCB Antenna, TH MT	June 28, 2019