

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

Reason for Change

<input type="checkbox"/> Technical Requirement	<input checked="" type="checkbox"/> Product Transition
<input type="checkbox"/> Customer Requirement	<input type="checkbox"/> Product Discontinuation
<input type="checkbox"/> Quality Improvement	<input type="checkbox"/> Product Enhancement
	<input type="checkbox"/> 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: <ul style="list-style-type: none"> • Increased range and receiver sensitivity • Programmability with MicroPython • Bluetooth low energy functionality
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Affected Part Numbers	See Appendix
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Timing of Change	Effectivity dates-See Appendix
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Technology Introduction	2000
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Last Time Buy	See Appendix
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Quality Issues	None
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Notes	Additional Information <ul style="list-style-type: none"> • 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
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	<ul style="list-style-type: none"> Pricing will increase by 10% for orders received after March 29, 2019 <p>*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</p> <p>Samples availability</p> <p>Please contact your Digi Sales Rep.</p>
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Authorization	Jim Pause, Product Manager, Digi International
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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 RFLON 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