DIGI

LTE-M/NB-IOT CELLULAR **SMART MODEM** 





Digi Remote Manager

liliti

Smart Building

## **DIGI XBEE 3 CELLULAR LTE-M/NB-IOT**

Compact, flexible cellular connectivity for IoT devices and gateways

Digi XBee® 3 modules accelerate time to market for designers, OEMs and solution providers by quickly enabling wireless connectivity and easy-to-add functionality. Building on industry-leading technology, pre-certified Digi XBee 3 modules offer the flexibility to switch between multiple frequencies and wireless protocols as needed.

Digi XBee 3 modules are the latest addition to the expanding Digi XBee Ecosystem of wireless modules, gateways, software and development tools - all engineered to accelerate development and deployment. Ideal for lowdata (typically <5 MB per month and where latency is not

critical), low-power, low-cost applications, Digi XBee 3 Cellular LTE-M/NB-IoT modules feature a power saving mode which extends sleep time and battery life.

With Digi Remote Manager®, Digi XBee 3 modules can be easily configured and controlled from a simple, central platform. Built-in Digi TrustFence® security, identity and data privacy features use more than 175 controls to protect against new and evolving cyber threats. Standard Digi XBee API frames and AT commands, MicroPython and Digi XCTU® software tools simplify adding functionality, set-up, configuration and testing.

#### **FEATURES AND BENEFITS**

- One hardware platform for use on LTE-M/NB-IoT networks with multi-band support to integrate with many carriers
- FCC certified and carrier end-device certified
- Integrated MicroPython programmability for edge compute
- MQTT support for Microsoft Azure and Amazon AWS
- Low power consumption optimized for long battery life
- Enhanced with Digi TrustFence® security framework
- Manage and configure with XCTU® and Digi Remote Manager®
- Digi XBee® Transparent and API modes simplify design
- CE/RED certified and network tested
- Bluetooth® Low Energy for beaconing, connecting to Bluetooth sensors and local configuration using the Digi XBee Mobile app
- Modem includes SIM, ready to activate at shop.digi.com

# APPLICATION EXAMPLE **END USER CELL TOWER** LTE-M/NB-IoT **DIGI XBEE 3 CELLULAR LTE-M/NB-IoT** Monitoring Sensors

## **RELATED PRODUCTS**











Digi Wireless Design Services

Development Kit

CELLULAR CHIPSET	SPECIFICATIONS	Digi XBee® 3 Cellular Smart Modem, LTE-M/NB-IoT
FORM FACTOR	HARDWARE	
ANTENNA OPTIONS	CELLULAR CHIPSET	u-blox SARA-R410M-02B
DIMENSIONS   24.8 mm x 22.94 mm (0.96 m x 1.3 m)     OPERATING TEMPERATURE	FORM FACTOR	Digi XBee® 20-pin through-hole
OPERATING TEMPERATURE	ANTENNA OPTIONS	1 U.FL (Cellular), 1 U.FL (Bluetooth®)
SIM SIZE 4F Nano  INTERFACE UART, SPL, USB  OPERATING MODES (LTE-M) Transparrent, and API over serial, PPP over USB  OPERATING MODES (LTE-M) Transparrent, API, UDP  SECURITY Digit Trustience* security with Secure Boot and Protected JTAG  OPERATING MODES (NB-IOT) Transparrent, API, UDP  SECURITY Digit Trustience* security with Secure Boot and Protected JTAG  OPERATING MODES (NB-IOT) Digit Seriors Manager* (OTA)  EMBEDDED PROGRAMMABILITY Micro*ytom with Siz KB Flash / 64 RB RAM  I/O 4 APO (Lines 10 bit), 33 Digital I/O, USB, PC  BILLETOOTH BILLET	DIMENSIONS	24.38 mm x 32.94 mm (0.96 in x 1.3 in)
BNTERFACE AND I/O  DATA NTERFACE  UAHT, SPI, USB  OPERATING MODES (LITE-M)  Transparent and API over serial, PPP over USB  OPERATING MODES (LITE-M)  Digi TrustFenca* security with Secure Boot and Protected JTAG  CONFIGURATION TOOLS  Digi XTCU* (Local), Digi Bemole Manager* (OTA)  EMBEDDED PROGRAMMABILITY  MicroPython with \$12 KB Flash / 64 KB RAM  I/O  4 ADC Lines (D-bit), 13 Digital I/O, USB, I*C  BLUETOOTH  Bluetooth Low Energy Ready  CELLULAR CHARACTERISTICS  TRANSMIT POWER  RECEIVE SENSITIVITY (LITE-M)  113 dfm  RECEIVE SENSITIVITY (LITE-M)  ATAF ET AD Genes Certified (LITE-M) Versoon End Device Certified (LITE-M) Versoon End Device Certified (LITE-M) Trust Send Device Send Device Certified (LITE-M) Trust Send Device Send Device Send Dev	OPERATING TEMPERATURE	-40° C to 85° C (-40° F to 185° F)
DATA INTERFACE UART, SPI, USB OPERATING MODES (ITE-M) transparent and API over serial, PPP over USB OPERATING MODES (NE-M) transparent, API, UDP SECURITY Digital Statement of the property of	SIM SIZE	4FF Nano
OPERATING MODES (INE-IN)         Transparent and API over serial, PPP over USB           OPERATING MODES (INE-IOT)         Transparent, API, UDP           SECURITY         Dig YTTUP (Local), pig) Remote Manager* (OTA)           CONFIGURATION TOOLS         Dig XTTUP (Local), pig) Remote Manager* (OTA)           EMBEDDED PROGRAMMABILITY         MicroPython with 512 KB Flash / 6x KB RAM           I/O         4ADC lines (16-bit), 13 Digital (Vo, USB, I*C           BILUETOOTH         Bluetooth Love Energy Ready           CELULAR CHARACTERISTICS         Transmit POWER         Up to 23 dBm           RECEIVE SENSITIVITY (ITE-M)         -103 dbm           RECEIVE SENSITIVITY (ITE-M)         -103 dbm           CARRIER APPROVALS         AT&T End Device Certified (ITE-M) Verizon End Device Certified (ITE-	INTERFACE AND I/O	
OPERATING MODES (NB-IOT)   Transparent, API, UDP	DATA INTERFACE	UART, SPI, USB
SECURITY DIGITURE PROCESS SECURITY WITH SECURCE BOOT AND PROTECTED JTAG  CONFIGURATION TOOLS DIGITURE FIGURE (LOCAL), DIGIT REMOTE Manager* (OTA)  EMBEDDED PROGRAMMABILITY Micropython with \$12 KB Flash, \$6 KB RAM  J/O 4 ADC Lines (1sh bil), 13 Digital I/O, U.S.B. PC  BILUETOOTH BILUETO	OPERATING MODES (LTE-M)	Transparent and API over serial, PPP over USB
CONFIGURATION TOOLS Digi.XCTU* (Local), Digi.Remote Manager* (OTA)  EMBEDDED PROGRAMMABILITY MicroPython with \$12 KB Flash / 64 KB RAM  JO ADC Lines (Lo-bit), 13 Digital (JO, USB, PC  BLUETOOTH Bluetooth Low Energy Ready  CELIULAR CHARACTERISTICS  TRANSMIT POWER Up to 23 dBm  RECEIVE SENSITIVITY (LTE-M) - 105 dBm  RECEIVE SENSITIVITY (ITE-M) - 105 dBm  ATAT End Device Certified (LTE-M) Verzon End Device Certified (LTE-M) Bell End Device Certified (LTE-M) Compabile with other carriers offering LTE-M and NB-IoT services (see supported bands below)  SUPPORTED BANDS Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28 and 39  DOWNLINK/UPLINK SPEEDS (INS-IOT)  DOWNLINK/UPLINK SPEEDS (INS-IOT)  DOWNLINK/UPLINK SPEEDS (INS-IOT)  DUPLEX MODE  POWER REQUIREMENTS (AT 3,3VOC INPUT)  POWER REQUIREMENTS (AT 3,3VOC INPUT)  SUPPORT RANSMIT CURRENT  ANG TRANSMIT CURRENT  435 mA  ANG TRANSMIT CURRENT (LTE-M)  109 mA  ANG TRANSMIT CURRENT (NB-IOT)  100 mA  CURRENT (NB-IOT)  100 mA  ANG TRANSMIT	OPERATING MODES (NB-IOT)	
EMBEDDED PROGRAMMABILITY  MicroPython with 512 KB Flash / 64 KB RAM  I/O  4 ADC lines (10-bit), 13 Digital I/O, USB, PC  BILLETOOTH  BILLETOOTH  BILLETOOTH  CELLULAR CHARACTERISTICS  TRANSMIT POWER  Up to 23 dBm  RECEIVE SENSITIVITY (LTE-M)  -105 dBm  RECEIVE SENSITIVITY (LTE-M)  ATA End Device Certified (LTE-M) Verizon End Device Certified (	SECURITY	Digi TrustFence® security with Secure Boot and Protected JTAG
I/O 4 ADC lines (10 bit), 13 Digital I/O, USB, PC BLUETOOTH Bluetooth Low Energy Ready  CELLULAR CHARACTERISTICS  TRANSMIT POWER  RECEIVE SENSITIVITY (LTE-M) -105 d8m  RECEIVE SENSITIVITY (LTE-M) -113 d8m  AT&T End Device Certified (LTE-M) -113 d8m  AT&T End Device Certified (LTE-M) -113 d8m  AT&T End Device Certified (LTE-M) -114 d8m  AT&T End Device Certified (LTE-M) -114 d8m  Bell End Device Certified (LTE-M) -114 d8m  AT&T End Device Certified (LTE-M) -114 d8m  Bell End Device Supported bands below)  Bell End Dev	CONFIGURATION TOOLS	Digi XCTU® (Local), Digi Remote Manager® (OTA)
I/O 4 AD Lines (10-bit), 13 Digital I/O, USB, I <sup>2</sup> C BIUETOOTH Bluetooth Low Energy Ready  CELLULAR CHARACTERISTICS  TRANSMIT POWER  RECEIVE SENSITIVITY (LTE-M) -105 dBm  RECEIVE SENSITIVITY (LTE-M) -113 dBm  ATAT End Device Certified (LTE-M) -114 dBm  ATAT End Device Certified (LTE-M)	EMBEDDED PROGRAMMABILITY	MicroPython with 512 KB Flash / 64 KB RAM
BLUETOOTH Bluetooth Low Energy Ready  CELULIAR CHARACTERISTICS  TRANSMIT POWER Up to 23 dBm  RECEIVE SENSITIVITY (ITE-M) -105 dBm  RECEIVE SENSITIVITY (NB-IOT) -113 dBm  AT&T End Device Certified (ITE-M) Verizon End Device Certified (ITE-M) Bell End Device Sea supported bands below)  DOWNLINI/UPLINIK SPEDS Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DOWNLINI/UPLINIK SPEDS Up to 37.5 kb/s Uplink  DOWNLINI/UPLINIK SPED	1/0	
CELLULAR CHARACTERISTICS  TRANSMIT POWER  RECEIVE SENSITIVITY (LTE-M)  RECEIVE SENSITIVITY (IN-IOT)  CARRIER APPROVALS  AT End Device Certified (LTE-M) Verizon End Device Certified (LTE-M) Bell End Device Certi	,	
RECEIVE SENSITIVITY (LTE-M) -105 dBm  RECEIVE SENSITIVITY (NB-IOT) -113 dBm  AT&T End Device Certified (LTE-M) Verizon End Device Certified (LTE-M) Telus End Device (See supported bands below) Telus End Device (See Supported bands below) Telus End Device End Device End Device Certified (LTE-M) Telus End Device Certified (LTE-M) T		
RECEIVE SENSITIVITY (NB-IOT)  AT&T End Device Certified (LTE-M) Verizon End Device Certified (LTE-M) Bell End Device Certified (LTE-M) Bell End Device Certified (LTE-M) Telus End Device Certified (LTE-M) Compatible with other carriers offeng LTE-M and NB-IoT services (see supported bands below)  SUPPORTED BANDS  Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28 and 39  DOWNLINK/UPLINK SPEEDS (LTE-M)  Up to 375 kb/s  Up to 375 kb/s  Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DOWNLINK/UPLINK SPEEDS (NB-IoT)  Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DUPLEX MODE  Half-Duplex  POWER REQUIREMENTS (AT 3.3 VDC INPUT POWER)  SUPPLY VOLTAGE  3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT  AVG TRANSMIT CURRENT  AVG TRANSMIT CURRENT (LTE-M)  AVG TRANSMIT CURRENT (NB-IOT)  POWER SAVE MODE  20 uA  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ.XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  MARRANTY	TRANSMIT POWER	Up to 23 dBm
AT&T End Device Certified (LTE-M) Verizon End Device Certified (LTE-M) Verizon End Device Certified (LTE-M) EBEL End Device Certified (LTE-M) Telus End Device Certified (LTE-M) Telus End Device Certified (LTE-M) Telus End Device Certified (LTE-M) Compatible with other carriers offering LTE-M and NB-IoT services (see supported bands below)  SUPPORTED BANDS  Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28 and 39  DOWNLINK/UPLINK SPEEDS (LTE-M) Up to 375 kb/s  Up to 375 kb/s  Up to 375 kb/s  Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DOWNLINK/UPLINK SPEEDS (NB-IOT)  DUPLEX MODE Half-Duplex  POWER REQUIREMENTS (AT 3.3VDC INPUTPOWER)  SUPPLY VOLTAGE 3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT 550 mA W/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M) 235 mA  AVG TRANSMIT CURRENT (NB-IOT) 190 mA  POWER SAVE MODE 20 uA  DEEP SLEEP 10 uA  REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1 IC (CANADA) 1846A-XB3M1 CE / RED (EUROPE) Complete  COMPlete  WARRANTY	RECEIVE SENSITIVITY (LTE-M)	-105 dBm
CARRIER APPROVALS  Verizon End Device Certified (LTE-M)	RECEIVE SENSITIVITY (NB-IOT)	-113 dBm
DOWNLINK/UPLINK SPEEDS (ILTE-M)  DOWNLINK/UPLINK SPEEDS (NB-IOT)  Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DUPLEX MODE  Half-Duplex  POWER REQUIREMENTS (AT 3.3VDC INPUT POWER)  SUPPLY VOLTAGE  3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT  550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M)  235 mA  AVG TRANSMIT CURRENT (NB-IOT)  190 mA  POWER SAVE MODE  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	CARRIER APPROVALS	Verizon End Device Certified (LTE-M) Bell End Device Certified (LTE-M) Telus End Device Certified (LTE-M)
(LTE-M)  DOWNLINK/UPLINK SPEEDS (NB-IOT)  Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink  DUPLEX MODE  Half-Duplex  POWER REQUIREMENTS (AT 3.3VDC INPUT POWER)  SUPPLY VOLTAGE  3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT  550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M)  235 mA  AVG TRANSMIT CURRENT (NB-IOT)  190 mA  POWER SAVE MODE  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	SUPPORTED BANDS	Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28 and 39
(NB-IOT)  DUPLEX MODE  Half-Duplex  POWER REQUIREMENTS (AT 3.3VDC INPUT POWER)  SUPPLY VOLTAGE  3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT  550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M)  235 mA  AVG TRANSMIT CURRENT (NB-IOT)  190 mA  POWER SAVE MODE  20 uA  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete		Up to 375 kb/s
POWER REQUIREMENTS (AT 3.3VDC INPUT POWER)  SUPPLY VOLTAGE  3.3 - 4.3 VDC  PEAK TRANSMIT CURRENT  550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M)  235 mA  AVG TRANSMIT CURRENT (NB-IOT)  190 mA  POWER SAVE MODE  20 uA  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY		Up to 27.2 kb/s Downlink, 62.5 kb/s Uplink
SUPPLY VOLTAGE  PEAK TRANSMIT CURRENT  550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M)  235 mA  AVG TRANSMIT CURRENT (NB-IOT)  190 mA  POWER SAVE MODE  DEEP SLEEP  10 uA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	DUPLEX MODE	Half-Duplex
PEAK TRANSMIT CURRENT 550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled  AVG TRANSMIT CURRENT (LTE-M) 235 mA  AVG TRANSMIT CURRENT (NB-IOT) 190 mA  POWER SAVE MODE 20 uA  DEEP SLEEP 10 uA  REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1  IC (CANADA) 1846A-XB3M1  CE / RED (EUROPE) Complete  RCM (AUSTRALIA/NEW ZEALAND) Complete	POWER REQUIREMENTS (AT 3.3VDC INPUT POWER)	
AVG TRANSMIT CURRENT (LTE-M) 235 mA  AVG TRANSMIT CURRENT (NB-IOT) 190 mA  POWER SAVE MODE 20 uA  DEEP SLEEP 10 uA  REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1  IC (CANADA) 1846A-XB3M1  CE / RED (EUROPE) Complete  RCM (AUSTRALIA/NEW ZEALAND) Complete	SUPPLY VOLTAGE	3.3 - 4.3 VDC
AVG TRANSMIT CURRENT (NB-IOT) 190 mA  POWER SAVE MODE 20 uA  DEEP SLEEP 10 uA  REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1  IC (CANADA) 1846A-XB3M1  CE / RED (EUROPE) Complete  RCM (AUSTRALIA/NEW ZEALAND) Complete  WARRANTY	PEAK TRANSMIT CURRENT	550 mA w/ Bluetooth disabled; 610 mA w/ Bluetooth enabled
POWER SAVE MODE  DEEP SLEEP  10 UA  REGULATORY APPROVALS  FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	AVG TRANSMIT CURRENT (LTE-M)	235 mA
DEEP SLEEP 10 UA  REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1  IC (CANADA) 1846A-XB3M1  CE / RED (EUROPE) Complete  RCM (AUSTRALIA/NEW ZEALAND) Complete	AVG TRANSMIT CURRENT (NB-IOT)	190 mA
REGULATORY APPROVALS  FCC (USA) MCQ-XB3M1  IC (CANADA) 1846A-XB3M1  CE / RED (EUROPE) Complete  RCM (AUSTRALIA/NEW ZEALAND) Complete  WARRANTY	POWER SAVE MODE	20 uA
FCC (USA)  MCQ-XB3M1  IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	DEEP SLEEP	10 uA
IC (CANADA)  1846A-XB3M1  CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	REGULATORY APPROVALS	
CE / RED (EUROPE)  Complete  RCM (AUSTRALIA/NEW ZEALAND)  Complete  WARRANTY	FCC (USA)	MCQ-XB3M1
RCM (AUSTRALIA/NEW ZEALAND) Complete WARRANTY	IC (CANADA)	1846A-XB3M1
WARRANTY	CE / RED (EUROPE)	Complete
	RCM (AUSTRALIA/NEW ZEALAND)	Complete
PRODUCT WARRANTY 1-year	WARRANTY	
	PRODUCT WARRANTY	1-year



## **DIGI REMOTE MANAGER®**



Digi Remote Manager is the technology platform that brings networks to the next level, allowing networks — and the people who manage them — to work smarter. With Digi Remote Manager you can transform a multitude of dispersed IoT devices into a dynamic, intelligent network. Now you can easily deploy, monitor and diagnose thousands of mission-critical devices from a single point of command — on your desktop, tablet or phone. All the while, its software-defined security diligently safeguards your entire Digi ecosystem.

Learn more at www.digi.com/digi-remote-manager

#### **CAPABILITIES**

- Activate, monitor and diagnose your mission-critical devices from a single point of command and control — on your desktop or mobile app
- Schedule key operations including firmware updates and file management on a single device or on a group of devices, keeping your network functionality up-to-date and maintaining compliance standards
- Manage edge devices out-of-band via console terminal access
- Keep tabs on device health and connectvity across device deployments of any size
- Create detailed reports and enable real-time alerts for specified conditions
- Integrate device data through open APIs to gain deeper insights and control with third-party applications
- Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

### **INFRASTRUCTURE**

- Hosted in a commercial-grade cloud server environment that meets SOC 1°, SOC 2° and SOC 3° standards
- Superior availability, operating to 99.9% or greater
- Open APIs available to support application development

#### **SECURITY**

- More than 175 security controls in place to protect your data
- Member of the Center for Internet Security® (CIS®)
- Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more
- Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

## DIGI WIRELESS DESIGN SERVICES



## **GET TO MARKET FASTER**

Digi Wireless Design Services (WDS) has a 15-year history of helping clients speed down the path to success by guiding them around the technological and regulatory certification pitfalls that that botch budgets and disrupt product introductions.

We begin by actively listening to your business and technical requirements, and then leverage our proven methodology, world-class engineering expertise and library of IP to design a cost-effective solution that is tailored to your specific needs.

Accesslerate toward the solution that is right for you and your customers. Contact Digi WDS to find out how we can guide you to success.

### **WDS SERVICES**

We offer services to support you wherever you are along your development path:

- Proof of concept
- Architecture consultation
- Requirements definition
- System, software and electrical design
- Design reviews
- Certifications
- Prototype build
- Manufacturing test fixtures

#### **WDS RECORD**

Our record speaks for itself.

- 250+ product development projects
- 100+ certification failure rescues
- 100 million connected devices around the globe

## **DIGI XBEE® TOOLS**

The Digi XBee Ecosystem is fully supported with the award-winning Digi XBee Tools suite. Designed to support the full product lifecycle, from prototyping and development to deployment and ongoing monitoring, Digi XBee Tools includes code libraries, testing and prototyping tools, product development and manufacturing support, and tools for deploying and managing end devices in the field.









VELOP

BUILD

**DEPLOY** 

**MANAGE** 

## **DIGI DATA PLAN SERVICES**



## **READY TO ACTIVATE**

Modem includes SIM, ready to activate. Work with Digi for your SIM and data management plan.

Visit shop.digi.com to activate.

- Ease of deployment and support with a single supplier
- Avoid extra costs and the complexity of having to purchase and insert SIM/program APN during manufacturing process
- No internal staff needed to manage carrier contracts and billing
- Leverage Digi's buying power, roll out at your own pace and avoid volume based commitments to carriers in exhange for cost effective rates

PART NUMBERS	DESCRIPTION
XK3-C-A2-T-UB	Digi XBee 3 Cellular Smart Modem, LTE-M/NB-IoT, Development Kit with XBIB-C Dev Board, AT&T
XK3-C-N1-T-EB	Digi XBee 3 Cellular Smart Modem, LTE-M/NB-IoT, Development Kit with XBIB-C Dev Board
XB3-C-A2-UT-001	Digi XBee 3 Cellular Smart Modem, LTE-M/NB-IoT
XB3-C-A2-UT-101	Digi XBee 3 Cellular Smart Modem, LTE-M/NB-IoT, Pre-inserted AT&T SIM
XBIB-CU-TH	Development board - XBee 3, USB-C, through-hole sockets
XBIB-C-GPS	Digi XBee GPS Daughter Board
XBEE-MP-TH	Digi XBee Multi Programmer, through-hole (TH)
XBEE-MP-TH-PCB	Digi XBee Multi Programmer, through-hole (TH) printed circuit board

# FOR MORE INFORMATION PLEASE VISIT DIGI.COM



**DIGI SERVICE AND SUPPORT** / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

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