

# **DIGI XBEE<sup>3</sup> ZIGBEE 3.0**

## Easy-to-add connectivity in a compact, low-power, low-profile footprint

Digi XBee3<sup>®</sup> 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 XBee3<sup>™</sup> modules offer the flexibility to switch between multiple frequencies and wireless protocols as needed.

Digi XBee3 ZigBee 3.0 offers a fully interoperable ecosystem covering all vertical markets including building automation, smart energy, digital health, intelligent lighting, and others.

With Digi Remote Manager<sup>®</sup>, Digi XBee3 modules can be easily configured and controlled from a simple, central platform. Built-in Digi TrustFence<sup>®</sup> security, identity and data privacy features use more than 175 controls to protect against new and evolving cyber threats. MicroPython and XCTU software tools simplify adding functionality, configuration and testing.

From edge computing to future migration, Digi XBee modules offer size, weight, power and performance advantages ideal for scalable device connectivity. A versatile addition to the expanding Digi XBee Ecosystem of wireless modules, adapters and software, the Digi XBee3 Series is engineered to accelerate development and deployment.

#### **SIZE AND FLEXIBILITY**

- At 13 mm x 19 mm, the new Digi XBee3 micro form factor allows for more compact and portable applications
- Digi XBee3 is one module for all protocols including: ZigBee, 802.15.4, DigiMesh and BLE, all configurable via Digi XCTU

#### PROGRAMMABILITY

 Eliminate the need for an external microcontroller and create smart end nodes using MicroPython

#### SECURITY

 Intrinsic IoT security with Digi TrustFence<sup>®</sup>, a layered approach securing the edge device, through the gateway, into and out of the IoT

### RELATED PRODUCTS AND SERVICES



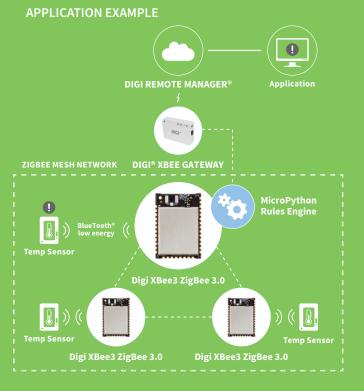












Development Kits

Digi XCTU

Digi TrustFence® Digi Remote Manager®

Digi Design

PersonanceTRANSCRUE CHURSETMICROSCRUE CHURSETTARA ART & TRADORD, Senia Lupo 1 MbpsINDORQURBAN RANGE*Up to 200 fr from 1Up to 200 fr from 1Up to 200 from 1TRADSCRUE	SPECIFICATIONS	Digi XBee3 ZigBee 3.0	Digi XBee3 PRO ZigBee 3.0
NATA RATE92 59 Kbp. Sarial up to 1 MbpsUp to 300 K (60 m)INDOOR (VIGRAM RANGE"Vicio 300 K (60 m)Vicio 300 K (60 m)GANASEVicio 4000 K (100 m)Vicio 400 K (100 m)RAMSMIT POWERVicio 4000 K (100 m)Vicio 400 K (100 m)RECEVER SENTITIVE UPVicio 400 M (100 m)Vicio 400 K (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 K (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 M (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 M (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 M (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 M (100 m)FRANDATA INTERFACEVicio 400 M (100 m)Vicio 400 M (100 m)FRANDATA INTERFACEVicio 400 M (100 M (100 m) (100 M (100 M (100 m) (100 M (100	PERFORMANCE		
NDOON/URBAN RANGE*Up to 2014 (s0 m)Up to 3014 (80 m)OUTDOON/RF LINE-OF-SIGHT RANGE*Up to 4009 4 (1200 m)Up to 2 mikes (3200 m)TRANSE	TRANSCEIVER CHIPSET     Silicon Labs EFR32MG SoC		
QUIDDOD()RF LINE-OF-SIGHTUp to 4000 € 11200 m)Up to 2 miles (3200 m)TRANSINT POWER45 dim	DATA RATE	RF 250 Kbps, Serial up to 1 Mbps	
RNNG?Operation() approximation of parametric data and provided of pa	INDOOR/URBAN RANGE*	Up to 200 ft (60 m)	Up to 300 ft (90 m)
Receive sensitivity (µa pe         Just data invortai Mode           FAURES           SERIAL DATA INTERFACE         UART, SPI, PC           OUNGINATION INTERDA         Alf var A commands, facal ar over the air (0TA)         Term and the air (0TA)           FREQUENCY BAND         ISM2-AGINZ         Variant and the air (0TA)           FREQUENCY BAND         ISM2-AGINZ         Variant and the air (0TA)           INTERFERENCE IMMUNITY         OSSS: Object Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)           DIGUTAL (JO         DSS: Object Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)           ODIGITAL (JO         DSS: Object Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)           ODIGITAL (JO)         DSS: Object Sequence Spread Spectrum         Just (State Sequence Spread Spectrum)         Just (State Sequence Spread Spectrum)           OPIGE AMERICAL (State Sequence Spread Spectrum)         State Spectrum         State Spectrum         State Spectrum           OPIGE AMERICAL (State Sequence Spread Spectrum)         State Spectrum Spectrum         State Spectrum         State Spectrum           OPIGE AMERICAL (State Sequence Spread Spectrum)         State Spectrum         State Spectrum         State Spectrum         State Spectrum		Up to 4000 ft (1200 m)	Up to 2 miles (3200 m)
FATURES         UART, SPL, PC           CONFICURATION METHOD         API or AT commands, local or over-the-air (0TA)           FREQUENCY BAND         ISM 2.4 GHz           FORM FACTOR         ISM 2.4 GHz           FORM FACTOR         USM 2.7 GHz 4.7 GHz           INTERFERENCE IMMUNITY         DSSS (Direct Sequence Spread Spectrum)           ADC INPUTS         GH3 DATALOC Inputs           DIGTTAL 1/0         JS           ATTENNA OPTIONS         Through-Hole: PCB Antenna, U.F.L Connector, RIPSMA Connector           SMI: IF JAA, CPC Antenna, O.F.L Connector         Through-Hole: PCB Antenna, U.F.L Connector           OPERATING TEMPERATURE         -40° C to ~85° C           DIMENSIONS (L.X W.X H)         Through-Hole: PCB Antenna, U.F.L Connector           BNI: IF JAS SA 0.305 (DF (J2.498 x2.75) Cm)         Strice Strice JAC S	TRANSMIT POWER	+8 dBm	+19 dBm
SERIAL DATA INTERFACEUART, SPI, PCCONFIGURATION METHODAPP or AT commands, local or over the-air (OTA)FREQUNCY BANDISM2 4 642FORM PACTOMicro, Through-Hole, Surface NountINTERFERENCE IMMUNITYDSSS (Direct Sequence Spread Spectrum)ADC INPUTS(4) a bit ADC inputsDIGTAL 1/015ANTENNA OPTIONSThrough-Hole PCB Antenna, U.F.I. Connector, RPSMA ConnectorMICRIN PRAJ, PCB Antenna, U.F.I. Connector, RPSMA ConnectorMITERPR PAD, PCB Antenna, W.F.I. ConnectorMITERPR PAD, PCB ANTENA, RE PAD, CIB ANTENA & ADSTORMITERPR PAD, PCB ANTENA & ADSTOR (DBS VILL)MITERPR PAD, PCB ANTENA & ADSTOR (DBS VILL)PROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPROGRAMMABILITYPR	RECEIVER SENSITIVITY (1% PER)	-103 dBm Normal Mode	
CONFIGURATION METHODAPI or AT commands, local or over-the-air (OTA)FREQUENCY BANDISM 2-4 GH2FORM FACTORMicro, Through-Hole, Surface MountINTERFERENCE IMMUNITYSSSS (Direct Sequence Spread Spectrum)ADC INPUTS(d) tarbit AC LipotasDIGTAL (/O15ATTENNA OPTIONSThrough-Hole CR Attenna, OL FL Connector, RPSMA Connector Micro, ULP, Attenna, AF Pad, Chip Attenna, OL FL, Connector Micro, ULP, Attenna, AF Pad, Chip Attenna, OL FL, Connector Micro, ULP, Attenna, AF Pad, Chip Attenna, OL FL, Connector Micro, ULP, Attenna, AF Pad, Chip Attenna, AT, Schal, Chip AttennaOPERATING TEMPERATUREdo 'no 'es'COPERATING TEMPERATUREThrough-Hole CR0 Attenna, AT (12.43.8.2.76.1 cm) SMT. 386.85 x 13.3.8.0.120 in (2.43.8.2.76.1 cm) SMT. 386.85	FEATURES		
FREQUENCY BANDISA 2.4 GH2FORM FACTORMicro, Through-Hole, Surface MountINTERFRENCE IMMUNITYDSSS (Diret Sequence Spead Spectrum)ADC INPUTSOI 3.000000000000000000000000000000000000	SERIAL DATA INTERFACE	UART, SPI, I <sup>2</sup> C	
FORM FACTORMicro, Through-Hole, Surface MountINTERFERENCE IMMUNITYDSSS (Direct Sequence Spread Spectrum)ADC INPUTS(4) 106 hAOC inputsDIGITAL I/O15ANTEINA OPTIONSIf Phag, PCB Antenna, UFL Connector RMS: MF Pad, PCB Antenna, OF DAL Connector RMS: MF Connector RMS: MF Pad, PCB Antenna, OF DAL Connector RMS: MF Conn	CONFIGURATION METHOD	API or AT commands, local or over-the-air (OTA)	
INTERFERENCE IMMUNITY         DSSK 0/ierd Sequence Spread Spectrum)           ADC INPUTS         G910 bit ADC inputs           DIGTAL I/O         5           ANTENNA OPTIONS         Jhrough-Hole: CEG Antenna, U.F.L. Connector Micro: U.F. Antenna, FF Ad, Chip Antenna U.F. Connector Micro: U.F. Antenna, FF Ad, Chip Antenna Micro: O.S33 N.G. 78 OX 100 fr (2.198 y. 3.4 x 0.305 cm) Micro: 0.533	FREQUENCY BAND	ISM 2.4 GHz	
ACC INPUTS(a) (a) bit ADC inputsDIGITAL I/O15ANTERNA OPTIONS $35$ ANTERNA DEC Antenna, ULF Connector, RPSNA Connector Micro: UFL Antenna, ULF Connector Micro: UFL Antenna, RP Pad, Chip AntennaOPERATING TEMPERATURE	FORM FACTOR	Micro, Through-Hole, Surface Mount	
DiGITAL //O15ANTENNA OPTIONSInvestite Pad. PEG Antenna, or U.F. Connector, RPSMA Connector Micro: U.F. Attenna, are V.D.F. Connector, RPSMA Connector Micro: U.F. Attenna, are V.D.F. Connector, RPSMA ConnectorOPERATING TEMPERATURE40° Cto +85°OPERATING TEMPERATURE40° Cto +85° CDimensions (L XW XH)diversion (L Attenna, RP Pad. Indep Attenna Micro: U.F. Attenna, RP Pad. Indep Attenna, RP Pad. Indep Attenna Micro: U.F. Attenna Micro: U.F. Attenna, RP Pad. Indep Attenna Micro: U.F. Attenna, RP Pad. Indep Attenna Micro: U.F	INTERFERENCE IMMUNITY	DSSS (Direct Sequence Spread Spectrum)	
ANTENNA OPTIONSThrough-Holie: PCB Antenna, or U.FL Connector RPSMA Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Antenna, U.FL Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Antenna, ULFL Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Antenna, ULFL Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Size Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Size Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Size Connector Mirco ULFA Intenna, PF Pad, Chip Antenna (PCB Connector Size Connector Size Connector Mirco Python)PROTOCOLArey Chap Paga Mir (JAB RP MI (J2KB are available for Mirco Python)Term Paga Paga Paga Paga Paga Paga Paga Pag	ADC INPUTS	(4) 10-bit ADC inputs	
NTENNA OPTIONSSift: FP ad, PE Ad, KDE Antenna, or U.F. Connector Micro: U.F. Antenna, RF Pad, CDE Antenna, or U.F. Connector Micro: U.S. Antenna, RF Pad, CDE Antenna, or U.F. ConnectorOPERATING TEMPERATURE-40° CC + 68° CDIMENSIONS (L XW XH)Trough-Hole: 0.900 X L087 in (2.498 x 2.761 cm) shtr: 0.056 x 1.33 x 0.76 k 0.0087 in (13 x 199 x 3.4 x 0.305 cm) micro: 0.33 x 0.76 k 0.0087 in (13 x 199 x 0.008	DIGITAL I/O	15	
Drives Brites	ANTENNA OPTIONS	SMT: RF Pad, PCB Antenna, or U.FL Connector	
DifferencePROGRAMMABILITYMEMORY1MB/128 KB RAM (32KB are available for MicroPython)CPU/CLOCK SPEED1MB/128 KB RAM (32KB are available for MicroPython)CPU/CLOCK SPEEDMicroPython programming environment / up to 40 MHzPROTOCOL2igBe <sup>a</sup> .3.0ENCRYPTION2igBe <sup>a</sup> .3.0ENCRYPTION2igSeb it AESFRELIABLE PACKET DELIVERYRetres/acknowledgementsIDS0 ANI D and addresses, cluster IDs and endpoints (optional)CHANNELS0 clannelsFOVER REQUIREMENTS2i to 3.0SUPPLY VOLTAGE0.1 to 3.0RECEIVE CURRENT2i to 3.0SUPPLY VOLTAGE0.1 to 3.0RECEIVE CURRENT2into.Amgo.2 to 3.0POWER-DOVIN CURRENT2into.Amgo.2 to 3.0FORCE CURRENT0.1 to 3.0CFLC (NORTH AMERCA)YesPOWER-DOVIN CURRENT2into.Amgo.2 to 3.0FECLE (NORTH AMERCA)YesNORTOPED1.0FISI (EUROPE)YesANTEL (BRZLL)YesYesYesANTEL (BRZLL)YesYesYesANTEL (BRZLL)Yes <t< td=""><td>OPERATING TEMPERATURE</td><td>-40° C to +85° C</td><td></td></t<>	OPERATING TEMPERATURE	-40° C to +85° C	
MEMORY1 MB / 128 KB RAM (32KB are available for MicroPython)CPU/CLOCK SPEEDMicroPython programming environment / up to 40 MHzRETWORKING AND SECURITYSigles*3.0PROTOCOLZigles*3.0ENCRYPTION128/256 bit AESRELIABLE PACKET DELIVERYRetries/AcknowledgementsIDSPAN ID and addresses, cluster IDs and endpoints (optional)CHANNELS16.channelsPOWER REQUIREMENTS10.10.30SUPPLY VOLTAGE1.0.36VRECEIVE CURRENT4.0m.Q.8.dBmPOWER-DOWN CURRENT1.0m.Q.2.degrees CPOWER-DOWN CURRENT1.0m.Q.2.degrees CFECLIC (NORTH AMERICA)NeNeSind Sind Sind Sind Sind Sind Sind Sind	DIMENSIONS (L X W X H)	SMT: 0.866 x 1.33 x 0.120 in (2.199 x 3.4 x 0.305 cm)	
CPU/CLOCK SPEEDKiroPython programming environment / up to 40 MHzNETWORKING AND SECURITYKiroPython programming environment / up to 40 MHzPROTOCOLGigBee® 3.0SigBee® 3.0ENCRYPTIONSigBee® 3.0SigBee® 3.0RELIABLE PACKET DELIVERYRetries/AcknowledgementsSigBee® 3.0OPUER SEQUIREMENTSSigBee® 3.0SigBee® 3.0POWER REQUIREMENTSSigBee® 3.0SigBee® 3.0POWER REQUIREMENTSSigBee® 3.0SigBee® 3.0SUPPLY VOLTAGE0.1 to 3.0SigBee® 3.0RECEVE CURRENT0.1 to 3.01.0 sand 9.0RECURRENT0.1 to 3.0SigBee® 3.0RECURRENT0.1 to 3.0SigBee® 3.0REULTON0.1 to 3.0SigBee® 3.0<	PROGRAMMABILITY		
NETWORKING AND SECURITYPROTOCOLZigBee® 3.0ENCRYPTION128/256 bit AESRELIABLE PACKET DELIVERYRetries/AcknowledgementsIDSPAN ID and addresses, cluster IDs and endpoints (optional)IDS16 channelsPOWER REQUIREMENTS16 channelsSUPPLY VOLTAGE2.1 to 3.6VTRANSMIT CURRENT40 mA @ 8 dBmPOWER-DOWN CURRENT15 mA@ 19 dBmPOWER-DOWN CURRENT1 mAFCC, IC (NORTH AMERICA)YesFCC, IC (NORTH AMERICA)YesNaYesREGULTORY APPROVALSYesFCC, IC (NORTH AMERICA)YesNaYesANATEL (BRAZIL)YesYesYesANATEL (BRAZIL)YesYesYesANATEL (BRAZIL)Yes <td>MEMORY</td> <td>1 MB / 128 KB RAM (32KB are available for MicroPython)</td> <td></td>	MEMORY	1 MB / 128 KB RAM (32KB are available for MicroPython)	
PROTOCOLigBe® 3.0ENCRYPTION28/256 bit AESRELIABLE PACKET DELIVERYRetris/AcknowledgementsIDSOM ID and addresses, cluster IDs and endpoints (optional)IDS6 channelsPOWER REQUIREMENTS6 channelsSUPPLY VOLTAGE2.1 to 3.6VTRANSMIT CURRENT40m A@ 8 dBmPOWER-DOWN CURRENT10 mA@ 2.5 degrees CPOWER-DOWN CURRENT1 mico Anng 2.5 degrees CFCC, IC (NORTH AMERICA)Nei CondangementsFCC, IS (NORTH AMERICA)VesNoScalementsFCS (I GURDET)VesARAGE (I GURDET)VesARAGE (I GURDET)NoARAGE (I GURDET)VesARAGE (I GURDET)VesARAGE (I GURDET)NoARAGE (I GURDET)VesARAGE (I GURDET)Ves <t< td=""><td>CPU/CLOCK SPEED</td><td>MicroPython programming environment / up to 40 MHz</td><td></td></t<>	CPU/CLOCK SPEED	MicroPython programming environment / up to 40 MHz	
BCRCYPTION         128/256 bit AES           RELIABLE PACKET DELIVERY         Retries/Acknowledgements           IDS         PAN ID and addresses, cluster IDs and endpoints (optional)           IDS         FAN ID and addresses, cluster IDs and endpoints (optional)           CHANNELS         16 channels           POWER REQUIREMENTS         16 channels           SUPPLY VoLTAGE         2.1 to 3.6V           TRANSMIT CURRENT         40 mA @ 8 dBm         135 mA @ 19 dBm           RECEIVE CURRENT         17 mA           POWER-DOWN CURRENT         2 micro Amp @ 25 degrees C           FEGULATORY APPROVALS         Yes           FCC, IC (NORTH AMERICA)         Yes           Yes         No           RCM (AUSTRALIA)         Yes           ANATEL (BRAZIL)         Yes           ANATEL (BRAZIL)         Yes	NETWORKING AND SECURITY		
RELIABLE PACKET DELIVERY       Retris/Acknowledgements         IDS       PAN ID and addresses, cluster IDs and endpoints (optional)         CHANNELS       16 channels         DOWER REQUIREMENTS         SUPPLY VOLTAGE       2.1 to 3.6V         TRANSMIT CURRENT       40 mA @ 8 dBm       315 mA @ 19 dBm         RECEIVE CURRENT       17 mA       15 mA @ 10 mA @	PROTOCOL	ZigBee® 3.0	
IDS       PAN Dand addresses, cluster IDS and endpoints (optional)         CHANNELS       Def Channels         POWER REQUIREMENTS       SUPPLY VOLTAGE       2.1 to 3.6V         SUPPLY VOLTAGE       0 mA@ 8 dBm       13 sm @ 19 dBm         RECEIVE CURRENT       40 mA@ 8 dBm       13 sm @ 19 dBm         POWER-DOWN CURRENT       2 micro Amp@ 25 degrees C       Yes         REGULATORY APPROVALS       Yes       No         FCC, IC (NORTH AMERICA)       Yes       No         RESTI (EUROPE)       Yes       No         RECL (NORTH AMERICA)       Yes       No         RANATEL (BRAZIL)       Yes       No         ANATEL (BRAZIL)       Yes       No	ENCRYPTION	128/256 bit AES	
CHANNELS       16 channels         POWER REQUIREMENTS         SUPPLY VOLTAGE       2.1 to 3.6V         TRANSMIT CURRENT       40 mA @ 8 dBm       135 mA @ 19 dBm         RECEIVE CURRENT       17 mA	RELIABLE PACKET DELIVERY	Retries/Acknowledgements	
POWER REQUIREMENTS           SUPPLY VOLTAGE         2.1to 3.6V           TRANSMIT CURRENT         40 mA @ 8 dBm         35 mA @ 19 dBm           RECEIVE CURRENT         17 mA	IDS	PAN ID and addresses, cluster IDs and endpoints (optional)	
SUPPLY VOLTAGE       2.1 to 3.6V         TRANSMIT CURRENT       40 mA @ 8 dBm       135 mA @ 19 dBm         RECEIVE CURRENT       17 mA         POWER-DOWN CURRENT       2 micro Amp @ 25 degrees C         REGULATORY APPROVALS       2 micro Amp @ 25 degrees C         FCC, IC (NORTH AMERICA)       Yes         Ves       No         RCM (AUSTRALIA)       Yes         Ves       Yes         ANATEL (BRAZIL)       Yes         Yes       Yes	CHANNELS	16 channels	
TRANSMIT CURRENT40 mA@ 8 dBm135 mA@ 19 dBmRECEIVE CURRENT17 mAPOWER-DOWN CURRENT2 micro Amp@ 25 degrees CREGULATORY APPROVALS50 micro Amp@ 25 degrees CFCC, IC (NORTH AMERICA)VesVSSVesRCM (AUSTRALIA)VesVSSVesANATEL (BRAZIL)VesVSSNoTELECK MIC (JAPAN)VesVSSNo	POWER REQUIREMENTS		
RECEIVE CURRENT       I7 mA         POWER-DOWN CURRENT       2 micro Amp @ 25 degrees C         REGULATORY APPROVALS       2 micro Amp @ 25 degrees C         FECC, IC (NORTH AMERICA)       Ves       Ves         FECS (EUROPE)       Ves       Ves         REM (AUSTRALIA)       Ves       Ves         ANATEL (BRAZIL)       Ves       Ves         FECK MIC (JAPAN)       Ves       No	SUPPLY VOLTAGE	2.1 to 3.6V	
POWER-DOWN CURRENT       2 micro Amp @ 25 degrees C         REGULATORY APPROVALS       FCC, IC (NORTH AMERICA)         FCC, IC (NORTH AMERICA)       Ves         VES       Ves         ETSI (EUROPE)       Ves         VES       Ves         ANATEL (BRAZIL)       Ves         VES       Ves	TRANSMIT CURRENT	40 mA @ 8 dBm	135 mA @ 19 dBm
REGULATORY APPROVALS         FCC, IC (NORTH AMERICA)       Yes         FCC, IC (NORTH AMERICA)       Yes         ETSI (EUROPE)       Yes         RCM (AUSTRALIA)       Yes         ANATEL (BRAZIL)       Yes         Yes       Yes         Yes       Yes	RECEIVE CURRENT	17 mA	
FCC, IC (NORTH AMERICA)       Yes         FCC, IC (NORTH AMERICA)       Yes         ETSI (EUROPE)       Yes         RCM (AUSTRALIA)       Yes         ANATEL (BRAZIL)       Yes         Yes       Yes         TELECK MIC (JAPAN)       Yes	POWER-DOWN CURRENT	2 micro Amp @ 25 degrees C	
ETSI (EUROPE)     Yes     No       RCM (AUSTRALIA)     Yes     Yes       ANATEL (BRAZIL)     Yes     Yes       TELECK MIC (JAPAN)     Yes     No	REGULATORY APPROVALS		
RCM (AUSTRALIA)     Yes     Yes       ANATEL (BRAZIL)     Yes     Yes       TELECK MIC (JAPAN)     Yes     No	FCC, IC (NORTH AMERICA)	Yes	Yes
ANATEL (BRAZIL)     Yes     Yes       TELECK MIC (JAPAN)     Yes     No	ETSI (EUROPE)	Yes	No
TELECK MIC (JAPAN) Yes No	RCM (AUSTRALIA)	Yes	Yes
TELECK MIC (JAPAN) Yes No	ANATEL (BRAZIL)	Yes	Yes
KCC (SOUTH KOREA) Yes No		Yes	No
	KCC (SOUTH KOREA)	Yes	No

\*Range figure estimates are based on free-air terrain with limited sources of interference. Actual range will vary based on transmitting power, orientation of transmitter and receiver, height of transmitting antenna, height of receiving antenna, weather conditions, interference sources in the area, and terrain between receiver and transmitter, including indoor and outdoor structures such as walls, trees, buildings, hills, and mountains.

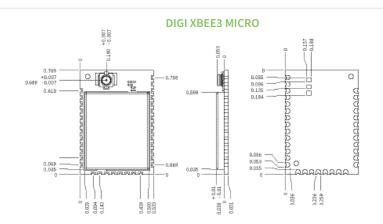


PART NUMBERS	DESCRIPTION
XB3-24Z8RM-J	Digi XBee3 ZigBee 3.0, 2.4 GHz, Micro, RF Pad Ant, MMT
XB3-24Z8UM-J	Digi XBee3 ZigBee 3.0, 2.4 GHz, Micro, U.FL Ant, MMT
XB3-24Z8CM-J	Digi XBee3 ZigBee 3.0, 2.4 GHz, Micro, Chip Ant, MMT
XB3-24Z8RM	Digi XBee3 PRO ZigBee 3.0, 2.4 GHz, Micro, RF Pad Ant, MMT
XB3-24Z8UM	Digi XBee3 PRO ZigBee 3.0, 2.4 GHz, Micro, U.FL Ant, MMT
XB3-24Z8CM	Digi XBee3 PRO ZigBee 3.0, 2.4 GHz, Micro, Chip Ant, MMT
XB3-24Z8ST-J	Digi XBee3, 2.4 Ghz ZB 3.0, SMA Ant, TH MT
XB3-24Z8UT-J	Digi XBee3, 2.4 Ghz ZB 3.0, U.FL Ant, TH MT
XB3-24Z8PT-J	Digi XBee3, 2.4 Ghz ZB 3.0, PCB Ant, TH MT
XB3-24Z8ST	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, SMA Ant, TH MT
XB3-24Z8UT	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, U.FL Ant, TH MT
XB3-24Z8PT	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, PCB Ant, TH MT
XB3-24Z8RS-J	Digi XBee3, 2.4 Ghz ZB 3.0, RF Pad Ant, SMT
XB3-24Z8US-J	Digi XBee3, 2.4 Ghz ZB 3.0, U.FL Ant, SMT
XB3-24Z8PS-J	Digi XBee3, 2.4 Ghz ZB 3.0, PCB Ant, SMT
XB3-24Z8RS	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, RF Pad Ant, SMT
XB3-24Z8US	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, U.FL Ant, SMT
XB3-24Z8PS	Digi XBee3 PRO, 2.4 Ghz ZB 3.0, PCB Ant, SMT

## **PRODUCT DIMENSIONS**



ACTUAL SIZE



# FOR MORE INFORMATION PLEASE VISIT WWW.DIGI.COM



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 XKA2C-Z7T-U
 IS.OMB-001
 MIKROE-4277
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