

### XBP24-Z7SIT-001

Part Number: **XBP24-Z7SIT-001**  
 Product Description: RF TXRX MODULE 802.15.4 RP-SMA  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [XBP24-Z7SIT-001.pdf](#)

Manufacturer/Brand: Digi International  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	XBP24-Z7SIT-001	<b>Manufacturer</b>	Digi International
<b>Description</b>	RF TXRX MODULE 802.15.4 RP-SMA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">XBP24-Z7SIT-001.pdf</a>		
<b>Voltage - Supply</b>	3 V ~ 3.4 V	<b>Utilized IC / Part</b>	EM250
<b>Series</b>	XBee-Pro® ZB	<b>Serial Interfaces</b>	UART
<b>Sensitivity</b>	-102dBm	<b>RF Family/Standard</b>	802.15.4
<b>Protocol</b>	Zigbee®	<b>Power - Output</b>	17dBm
<b>Packaging</b>	Bulk	<b>Package / Case</b>	Module
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Modulation</b>	DSSS
<b>Memory Size</b>	-	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency</b>	2.4GHz	<b>Data Rate</b>	250kbps
<b>Current - Transmitting</b>	295mA	<b>Current - Receiving</b>	45mA
<b>Antenna Type</b>	Not Included, RP-SMA		

#### Related Products

<p><b>XBP24-Z7SIT-002J</b>                  Manufacturers: Digi International                  Description: RF TXRX MODULE 802.15.4 RP-SMA                  Download: <a href="#">XBP24-Z7SIT-002J.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XBP24-Z7SIT-003</b>                  Manufacturers: Digi International                  Description: RF TXRX MODULE 802.15.4 RP-SMA                  Download: <a href="#">XBP24-Z7SIT-003.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XBP24-Z7PIT-005J</b>                  Manufacturers: Digi International                  Description: RF TXRX MOD 802.15.4 TRACE ANT                  Download: <a href="#">XBP24-Z7PIT-005J.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XBP24-Z7PIT-005</b>                  Manufacturers: Digi International                  Description: RF TXRX MOD 802.15.4 TRACE ANT                  Download: <a href="#">XBP24-Z7PIT-005.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>XBP24-Z7SIT-001J</b>                  Manufacturers: Digi International                  Description: RF TXRX MODULE 802.15.4 RP-SMA                  Download: <a href="#">XBP24-Z7SIT-001J.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XBP24-Z7PIT-006</b>                  Manufacturers: Digi International                  Description: RF TXRX MOD 802.15.4 TRACE ANT                  Download: <a href="#">XBP24-Z7PIT-006.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XBP24-Z7PIT-004J</b>                  Manufacturers: Digi International                  Description: RF TXRX MOD 802.15.4 TRACE ANT                  Download: <a href="#">XBP24-Z7PIT-004J.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XBP24-Z7SIT-003J</b>                  Manufacturers: Digi International                  Description: RF TXRX MODULE 802.15.4 RP-SMA                  Download: <a href="#">XBP24-Z7SIT-003J.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>XBP24-Z7SIT-004</b>                  Manufacturers: Digi International                  Description: RF TXRX MODULE 802.15.4 RP-SMA                  Download: <a href="#">XBP24-Z7SIT-004.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>XBP24-Z7PIT-004</b>                  Manufacturers: Digi International                  Description: RF TXRX MOD 802.15.4 TRACE ANT                  Download: <a href="#">XBP24-Z7PIT-004.pdf</a></p> <p><a href="#">RFQ</a></p>

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