



Image may be representation.  
See specifications for product details.

### PRM221

Part Number: **PRM221**  
 Product Description: RF TXRX MODULE ISM<1GHZ CHIP ANT  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [PRM221.pdf](#)

Manufacturer/Brand: Laird Technologies  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

### Product details

<b>Part Number</b>	PRM221	<b>Manufacturer</b>	Laird Technologies
<b>Description</b>	RF TXRX MODULE ISM<1GHZ CHIP ANT	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	PRM221.pdf		
<b>Voltage - Supply</b>	2 V ~ 3.6 V	<b>Utilized IC / Part</b>	-
<b>Series</b>	FlexRF™	<b>Serial Interfaces</b>	UART
<b>Sensitivity</b>	-89dBm	<b>RF Family/Standard</b>	General ISM < 1GHz
<b>Protocol</b>	-	<b>Power - Output</b>	8dBm
<b>Packaging</b>	Tray	<b>Package / Case</b>	Module
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Modulation</b>	FHSS
<b>Memory Size</b>	-	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency</b>	915MHz	<b>Data Rate</b>	500kbps
<b>Current - Transmitting</b>	47mA	<b>Current - Receiving</b>	30mA
<b>Antenna Type</b>	Integrated, Chip		

### Related Products

<p><b>PRM231</b>                  Manufacturers: Laird Technologies                  Description: RF, RFID, WIRELESS                  Download: <a href="#">PRM231.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>PRM230</b>                  Manufacturers: Laird Technologies                  Description: RF, RFID, WIRELESS                  Download: <a href="#">PRM230.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>PRM48AF480M400A00</b>                  Manufacturers: Vicor                  Description: DC DC CONVERTER 48V 400W                  Download: <a href="#">PRM48AF480M400A00.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>PRM241</b>                  Manufacturers: Laird Technologies                  Description: RF TXRX MODULE ISM&lt;1GHZ CHIP ANT                  Download: <a href="#">PRM241.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>PRM162-K425K-104A2</b>                  Manufacturers: Bourns, Inc.                  Description: POT 100K OHM 1/20W CARBON LOG                  Download: <a href="#">PRM162-K425K-104A2.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>PRM48AF480T400A00</b>                  Manufacturers: Vicor                  Description: DC DC CONVERTER 48V 400W                  Download: <a href="#">PRM48AF480T400A00.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>PRM240</b>                  Manufacturers: Laird Technologies                  Description: RF TXRX MODULE ISM&lt;1GHZ U.FL ANT                  Download: <a href="#">PRM240.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>PRM220</b>                  Manufacturers: Laird Technologies                  Description: RF TXRX MODULE ISM&lt;1GHZ U.FL ANT                  Download: <a href="#">PRM220.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>PRM162-K425K-503B3</b>                  Manufacturers: Bourns, Inc.                  Description: POT 50K OHM 1/10W CARBON LINEAR                  Download: <a href="#">PRM162-K425K-503B3.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>PRM211</b>                  Manufacturers: Laird Technologies                  Description: RF TXRX MODULE ISM&lt;1GHZ CHIP ANT                  Download: <a href="#">PRM211.pdf</a></p> <p><a href="#">RFQ</a></p>

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