



RN121HDR-I/RM Information

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For Reference Only

Manufactur Category

Part Number RN121HDR-I/RM
Manufacturer Microchip Technology

RF/IF and RFID RF Transceiver Modules

 $\textbf{Description} \qquad \text{RF TXRX MOD WIFI CHIP} + \text{U.FL ANT}$

Package 32-DIP Module

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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RN121HDR-I/RM Specifications

Manufacturer Part Number RN121HDR-1/RM Manufacturer Microchip Technology Category RF/IF and RFID RF Transceiver Modules Package 32-DIP Module Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 18dBm Sensitivity -85dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module		
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Modulation - Sequency 2.4GHz Data Rate 54Mbps Power - Output 18dBm Sensitivity -85dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	RF Family/Standard	WiFi
Frequency Data Rate 54Mbps Power - Output 18dBm Sensitivity -85dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Protocol	802.11b/g
Data Rate54MbpsPower - Output18dBmSensitivity-85dBmSerial InterfacesUARTAntenna TypeIntegrated, Chip + U.FLMemory Size4MB Flash, 300kB ROM, 80kB RAMVoltage - Supply3 V ~ 3.6 VCurrent - Receiving40mACurrent - Transmitting210mAMounting TypeThrough HoleOperating Temperature-30°C ~ 85°CPackage / Case32-DIP Module	Modulation	-
Power - Output 18dBm Sensitivity -85dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Frequency	2.4GHz
Sensitivity -85dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Data Rate	54Mbps
Serial Interfaces Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Power - Output	18dBm
Antenna Type Integrated, Chip + U.FL Memory Size 4MB Flash, 300kB ROM, 80kB RAM Voltage - Supply 3 V ~ 3.6 V Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Sensitivity	-85dBm
Memory Size4MB Flash, 300kB ROM, 80kB RAMVoltage - Supply3 V ~ 3.6 VCurrent - Receiving40mACurrent - Transmitting210mAMounting TypeThrough HoleOperating Temperature-30°C ~ 85°CPackage / Case32-DIP Module	Serial Interfaces	UART
Voltage - Supply Current - Receiving 40mA Current - Transmitting Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Antenna Type	Integrated, Chip + U.FL
Current - Receiving 40mA Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Memory Size	4MB Flash, 300kB ROM, 80kB RAM
Current - Transmitting 210mA Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Voltage - Supply	3 V ~ 3.6 V
Mounting Type Through Hole Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Current - Receiving	40mA
Operating Temperature -30°C ~ 85°C Package / Case 32-DIP Module	Current - Transmitting	210mA
Package / Case 32-DIP Module	Mounting Type	Through Hole
	Operating Temperature	-30°C ~ 85°C
Report errors?	Package / Case	32-DIP Module
		Report errors?

RN121HDR-I/RM Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

RN121HDR-I/RM Payment Methods



















RN121HDR-I/RM Shipping Methods













If you have any question about RN121HDR-I/RM, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com