



WISMC01BI Information

×04

For Reference Only

Part Number WISMC01BI

Manufacturer Laird - Embedded Wireless Solutions

Category RF/IF and RFID

RF Transceiver Modules

Description RF TXRX MOD WIFI CHIP + U.FL ANT

Package Module

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









WISMC01BI Specifications

Manufacturer WISMCOIBI Manufacturer Laird - Embedded Wireless Solutions Category RF/IF and RFID RF Transceiver Modules RRF Transceiver Modules Package Module Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module		
Category RF/IF and RFIID Ref Transceiver Modules Package Module Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Manufacturer Part Number	WISMC01BI
Package Module Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Manufacturer	Laird - Embedded Wireless Solutions
Package Module Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Category	RF/IF and RFID
Series - RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module		RF Transceiver Modules
RF Family/Standard WiFi Protocol 802.11b/g Modulation - Frequency 2.4GHz Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Package	Module
Protocol802.11b/gModulation-Frequency2.4GHzData Rate54MbpsPower - Output17dBmSensitivity-91dBmSerial InterfacesUARTAntenna TypeIntegrated, Chip + U.FLMemory Size64MB Flash, 16MB SRAMVoltage - Supply3.3 V ~ 5 VCurrent - Receiving250mACurrent - Transmitting250mAMounting TypeSurface MountOperating Temperature-40°C ~ 85°CPackage / CaseModule	Series	-
Modulation-Frequency2.4GHzData Rate54MbpsPower - Output17dBmSensitivity-91dBmSerial InterfacesUARTAntenna TypeIntegrated, Chip + U.FLMemory Size64MB Flash, 16MB SRAMVoltage - Supply3.3 V ~ 5 VCurrent - Receiving250mACurrent - Transmitting250mAMounting TypeSurface MountOperating Temperature-40°C ~ 85°CPackage / CaseModule	RF Family/Standard	WiFi
Frequency Data Rate 54Mbps Power - Output 17dBm Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Protocol	802.11b/g
Data Rate54MbpsPower - Output17dBmSensitivity-91dBmSerial InterfacesUARTAntenna TypeIntegrated, Chip + U.FLMemory Size64MB Flash, 16MB SRAMVoltage - Supply3.3 V ~ 5 VCurrent - Receiving250mACurrent - Transmitting250mAMounting TypeSurface MountOperating Temperature-40°C ~ 85°CPackage / CaseModule	Modulation	-
Power - Output Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Frequency	2.4GHz
Sensitivity -91dBm Serial Interfaces UART Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Data Rate	54Mbps
Serial InterfacesUARTAntenna TypeIntegrated, Chip + U.FLMemory Size64MB Flash, 16MB SRAMVoltage - Supply3.3 V ~ 5 VCurrent - Receiving250mACurrent - Transmitting250mAMounting TypeSurface MountOperating Temperature-40°C ~ 85°CPackage / CaseModule	Power - Output	17dBm
Antenna Type Integrated, Chip + U.FL Memory Size 64MB Flash, 16MB SRAM Voltage - Supply 3.3 V ~ 5 V Current - Receiving Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Sensitivity	-91dBm
Memory Size $64MB$ Flash, $16MB$ SRAMVoltage - Supply $3.3 \text{ V} \sim 5 \text{ V}$ Current - Receiving 250mA Current - Transmitting 250mA Mounting TypeSurface MountOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / CaseModule	Serial Interfaces	UART
Voltage - Supply $3.3 \text{ V} \sim 5 \text{ V}$ Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case Module	Antenna Type	Integrated, Chip + U.FL
Current - Receiving 250mA Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Memory Size	64MB Flash, 16MB SRAM
Current - Transmitting 250mA Mounting Type Surface Mount Operating Temperature -40°C ~ 85°C Package / Case Module	Voltage - Supply	3.3 V ~ 5 V
Mounting TypeSurface MountOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / CaseModule	Current - Receiving	250mA
Operating Temperature -40°C ~ 85°C Package / Case Module	Current - Transmitting	250mA
Package / Case Module	Mounting Type	Surface Mount
	Operating Temperature	-40°C ~ 85°C
Report errors?	Package / Case	Module
		Report errors?

WISMC01BI 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.

WISMC01BI Payment Methods



















WISMC01BI Shipping Methods













If you have any question about WISMC01BI, please do not hesitate to contact us!

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