

WL1831MODGBMOCR

WL1831MODGBMOCR Information

Part Number WL1831MODGBMOCR

Manufacturer Texas Instruments Category RF/IF and RFID

RF Transceiver Modules

Description RF TXRX MOD BLUETOOTH/WIFI CHIP

Package 100-SMD Module

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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WL1831MODGBMOCR Specifications

Manufacturer Part Number WL1831MODGBMOCR Manufacturer Texas Instruments Category RF/IF and RFID RF Transceiver Modules RF Transceiver Modules Package 100-SMD Module Series WiLink? RF Family/Standard Bluetooth, WiFi Protocol 802.11a/b/g/n, Bluetooth v4.1 Modulation CCK, DSSS, GFSK, OFDM Frequency 2.4GHz Data Rate 54Mbps Power - Output 17.3dBm Sensitivity 96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module		
Category RF/IF and RFID RF Transceiver Modules Package 100-SMD Module Series WiLink? RF Family/Standard Bluetooth, WiFi Protocol 802.11a/b/g/n, Bluetooth v4.1 Modulation CCK, DSSS, GFSK, OFDM Frequency 2.4GHz Data Rate 54Mbps Power - Output 17.3dBm Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Manufacturer Part Number	WL1831MODGBMOCR
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Series WiLink? RF Family/Standard Bluetooth, WiFi Protocol 802.11a/b/g/n, Bluetooth v4.1 Modulation CCK, DSSS, GFSK, OFDM Frequency 2.4GHz Data Rate 54Mbps Power - Output 17.3dBm Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module		RF Transceiver Modules
RF Family/Standard Protocol 802.11a/b/g/n, Bluetooth v4.1 Modulation CCK, DSSS, GFSK, OFDM Frequency 2.4GHz Data Rate 54Mbps Power - Output 17.3dBm Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 328mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case Bushows AFSMA	Package	100-SMD Module
Protocol802.11a/b/g/n, Bluetooth v4.1ModulationCCK, DSSS, GFSK, OFDMFrequency2.4GHzData Rate54MbpsPower - Output17.3dBmSensitivity-96.3dBmSerial InterfacesSDIO, UARTAntenna TypeIntegrated, ChipMemory Size-Voltage - Supply2.9 V ~ 4.8 VCurrent - Receiving49mA ~ 85mACurrent - Transmitting238mA ~ 420mAMounting TypeSurface MountOperating Temperature-20°C ~ 70°CPackage / Case100-SMD Module	Series	WiLink?
ModulationCCK, DSSS, GFSK, OFDMFrequency2.4GHzData Rate54MbpsPower - Output17.3dBmSensitivity-96.3dBmSerial InterfacesSDIO, UARTAntenna TypeIntegrated, ChipMemory Size-Voltage - Supply2.9 V ~ 4.8 VCurrent - Receiving49mA ~ 85mACurrent - Transmitting238mA ~ 420mAMounting TypeSurface MountOperating Temperature-20°C ~ 70°CPackage / Case100-SMD Module	RF Family/Standard	Bluetooth, WiFi
Frequency Data Rate 54Mbps Power - Output 17.3dBm Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 328mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Protocol	802.11a/b/g/n, Bluetooth v4.1
Data Rate54MbpsPower - Output17.3dBmSensitivity-96.3dBmSerial InterfacesSDIO, UARTAntenna TypeIntegrated, ChipMemory Size-Voltage - Supply2.9 V ~ 4.8 VCurrent - Receiving49mA ~ 85mACurrent - Transmitting238mA ~ 420mAMounting TypeSurface MountOperating Temperature-20°C ~ 70°CPackage / Case100-SMD Module	Modulation	CCK, DSSS, GFSK, OFDM
Power - Output 17.3dBm Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Frequency	2.4GHz
Sensitivity -96.3dBm Serial Interfaces SDIO, UART Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Data Rate	54Mbps
Serial Interfaces Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Power - Output	17.3dBm
Antenna Type Integrated, Chip Memory Size - Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Sensitivity	-96.3dBm
Memory Size Voltage - Supply 2.9 V ~ 4.8 V Current - Receiving 49mA ~ 85mA Current - Transmitting 238mA ~ 420mA Mounting Type Surface Mount Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Serial Interfaces	SDIO, UART
Voltage - Supply $2.9 \text{ V} \sim 4.8 \text{ V}$ $\text{Current - Receiving} \qquad 49 \text{mA} \sim 85 \text{mA}$ $\text{Current - Transmitting} \qquad 238 \text{mA} \sim 420 \text{mA}$ $\text{Mounting Type} \qquad \text{Surface Mount}$ $\text{Operating Temperature} \qquad -20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ $\text{Package / Case} \qquad 100\text{-SMD Module}$	Antenna Type	Integrated, Chip
Current - Receiving $49 \text{mA} \sim 85 \text{mA}$ Current - Transmitting $238 \text{mA} \sim 420 \text{mA}$ Mounting TypeSurface MountOperating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 100-SMD Module	Memory Size	-
Current - Transmitting $238\text{mA} \sim 420\text{mA}$ Mounting TypeSurface MountOperating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 100-SMD Module	Voltage - Supply	2.9 V ~ 4.8 V
$\begin{tabular}{lll} Mounting Type & Surface Mount \\ Operating Temperature & -20°C $\sim 70^{\circ}$C \\ Package / Case & 100-SMD Module \\ \end{tabular}$	Current - Receiving	49mA ~ 85mA
Operating Temperature -20°C ~ 70°C Package / Case 100-SMD Module	Current - Transmitting	238mA ~ 420mA
Package / Case 100-SMD Module	Mounting Type	Surface Mount
	Operating Temperature	-20°C ~ 70°C
Report errors?	Package / Case	100-SMD Module
		Report errors?

WL1831MODGBMOCR Guarantees



Ouality 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.

WL1831MODGBMOCR Payment Methods





















WL1831MODGBMOCR Shipping Methods













If you have any question about WL1831MODGBMOCR, please do not hesitate to contact us!

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