

RADIOTRONIX Embedded Wireless Modules



Wireless Solutions
Radiotronics

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Check mouser.com for RoHS status.

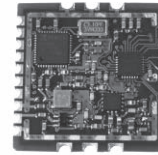
WI.232™ 868-870 & 902-928MHZ FREQUENCIES (EUROPE/NORTH AMERICA/BRAZIL)

Radiotronics designs, manufactures, and markets embedded wireless modules for the rapidly growing low-power wireless market. Radiotronics has two core module development platforms: Wi.232™ embedded radio modules in 868MHz, 915MHz, and 2.4GHz frequencies and their remote control transmitter and receiver modules in 315MHz, 418MHz, and 433MHz frequencies. Their products are designed to simplify RF design.

The Wi.232 Radio Module Development Platforms provide customers easy SERIAL UART radio solutions that interface to any host microcontroller.

Common Specifications:

- Baud Rate: 2400-115200



Wi.232DTS™ Family 900MHz (N.America 902-928MHz) (Brazil 902-907.5 - 915-928MHz)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Description	Region	Price Each		
						1	10	25
509-RK-WI232DTSFCC-R	RK-WI.232DTS-FCC-R	4 - 15 VDC	FSK/DTS	Wi.232DTS-FCC-R™ DEV KIT	N. America	249.00	-	-
509-WI232DTS-EVM-R	Wi.232DTS-EVM-R	3.6 - 12 VDC	FSK/DTS	Wi.232DTS-R™ Evaluation Module	N. America	31.87	30.85	29.88
509-WI232DTS-FCC-STR	Wi.232DTS-FCC-ST-R	4 - 15 VDC	FSK/DTS	FCC Certified Radio Mod, Straight RPSMA	N. America	34.17	33.06	32.03
509-WI232DTS-R	Wi.232DTS-R	2.7 - 3.6 VDC	FSK/DTS	Radio Mod/MCU, Transparent UART to RF DTS SW protocol	N. America	25.76	24.93	24.15
509-232DTSB-EVM-RA-R	Wi.232DTSB-EVM-RA-R	4 - 15 VDC	FSK/DTS	Radio Mod/MCU, Transparent UART to RF DTS SW protocol, R-Angle RPSMA	Brazil	33.00	31.93	30.94
509-232DTSB-R	Wi.232DTSB-R	2.7 - 3.6 VDC	FSK/DTS	Radio Mod/MCU, Transparent UART to RF DTS SW protocol, R-Angle RPSMA	Brazil	25.76	24.93	24.15

Wi.232EUR™ Family 868MHz (Europe 868-870MHz)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Description	Region	Price Each		
						1	10	25
509-WI232EUR-RS	Wi.232EUR-R	2.7 - 3.6 VDC	FSK/DTS	Radio Mod/MCU, Transparent UART to RF DTS SW protocol	Europe	25.76	24.93	24.15
509-WI232EUR-EVM-RS	Wi.232EUR-EVM-R	3.6 - 12 VDC	FSK	Wi.232EUR-R™ Evaluation Module	Europe	31.87	30.85	29.88
509-RK-WI.232EUR-R	RK-WI.232EUR-R	2.7 - 3.6 VDC	FSK/DTS	Radio Mod/MCU, Transparent UART to RF DTS SW protocol	Europe	249.00	-	-

Wi.232FHSS-25-R™ Family (N.America 902-928MHz)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Description	Region	Price Each		
						1	10	25
509-RK-232FHSSFCC25R	RK-WI.232FHSS-25-FCC-R	4 - 15 VDC	FSK/FHSS	Development Kit for Wi.232FHSS-25-FCC-R™	N. America	249.00	-	-
509-232FHSS-25-EVM-R	Wi.232FHSS-25-EVM-R	4 - 15 VDC	FSK/FHSS	Evaluation Modl for Wi.232FHSS-25-R™	N. America	37.50	36.29	35.16
509-WI232FHSS25RRA	Wi.232FHSS-25-FCC-RA-R	4 - 15 VDC	FSK/FHSS	FCC Certified Radio Modl for Wi.232FHSS-25-R™, R-Angle RPSMA	N. America	38.75	37.50	36.33
509-WI232FHSS-25-RST	Wi.232FHSS-25-FCC-ST-R	4 - 15 VDC	FSK/FHSS	FCC Certified Radio Modl for Wi.232FHSS-25-R™, Straight RPSMA	N. America	37.15	35.95	34.83
509-WI232FHSS-25-R	Wi.232FHSS-25-R	2.7 - 3.6 VDC	FHSS/FSK	Radio Modl/MCU, 25mW, Transparent UART to RF FHSS Protocol	N. America	29.00	28.06	27.19

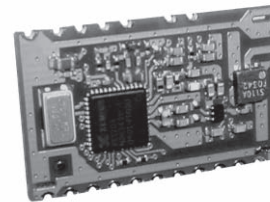
Wi.232FHSS-250-R™ Family (N.America 902-928MHz)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Description	Region	Price Each		
						1	10	25
509-RK-WIFHSS250-FCC	RK-WI.232FHSS-250-FCC-R	4 - 15 VDC	FSK/FHSS	Wi.232FHSS-250-FCC-R™ DEV KIT	N. America	249.00	-	-
509-WI.232FHSS-250-R	Wi.232FHSS-250-R	2.7 - 3.6 VDC	FHSS/FSK	Radio Mod/MCU, 250mW PA, Transparent UART to RF FHSS Protocol	N. America	39.17	37.90	36.72
509-WI232FHSS250FCRAR	Wi.232FHSS-250-FCC-RA-R	4 - 15 VDC	FSK/FHSS	FCC Certified Radio Modl for Wi.232FHSS-250-R™, R-Angle RPSMA	N. America	45.80	44.32	42.94
509-WI232FHSS250FCSTR	Wi.232FHSS-250-FCC-ST-R	4 - 15 VDC	FSK/FHSS	FCC Certified Radio Modl for Wi.232FHSS-250-R™, Straight RPSMA	N. America	45.80	44.32	42.94
509-WI232FHSS-25-R	Wi.232FHSS-25-R	2.7 - 3.6 VDC	FHSS/FSK	Radio Modl/MCU, 25mW, Transprnt UART to RF (FHSS) Protocol	N. America	29.00	28.06	27.19

WI.M™ FAMILY 868-870 & 902-928MHZ FREQUENCIES (EUROPE/NORTH AMERICA/BRAZIL)

The Wi.M modules are flexible radio-only solutions designed to simplify the integration of RF in most applications with any microcontroller.



Wi.232DTS™ Family 900MHz (N.America 902-928 MHz) (Brazil 902-907.5-915-928MHz)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Baud Rate	Description	Region	Price Each		
							1	10	25
Transmitters									
509-WIM868T-RS	Wi.M868T-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Transmitter Radio-only Modl, Microcontroller-less	Europe	15.00	14.52	14.06
509-WIM900T-R	Wi.M900T-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Transmitter Radio-only Modl, Microcontroller-less	N. America	15.00	14.52	14.06
Transceivers									
509-WIM868X-EVM-RS	Wi.M868X-EVM-R	3.6 - 12 VDC	FSK/FM	2400 - 115200	Wi.M868X-R™ Evaluation Module	Europe	33.00	31.94	30.94
509-WIM868X-RS	Wi.M868X-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Embedded Transceiver Radio-only Modl, Microcontroller-less	Europe	16.37	15.84	15.35
509-WIM900X-EVM-R	Wi.M900X-EVM-R	3.6 - 12 VDC	FSK/FM	2400 - 115200	Wi.M900X-R™ Evaluation Module	N. America	33.00	31.94	30.94
509-WIM900X-R	Wi.M900X-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Embedded Transceiver Radio-only Modl, Microcontroller-less	N. America	16.37	15.84	15.35
Rapid Development Kits									
509-RK-WIM868X-R	RK-Wi.M868X-R	4 - 15 VDC	FSK	2400 - 115200	Development Kit for Wi.M868X-R™ and Wi.M868T-R™	Europe	249.00	-	-
509-RK-WIM900X-R	RK-Wi.M900X-R	4 - 15 VDC	FSK	2400 - 115200	Development Kit for Wi.M900X-R™ and Wi.M900T-R™	N. America	249.00	-	-

WI.DP1203/1205™ FAMILY 433-435, 868-870 & 902-928MHZ FREQUENCIES (EUROPE/NORTH AMERICA/BRAZIL)

The Wi.DP modules are flexible radio-only solutions designed to simplify the integration of RF in most applications with any microcontroller. These modules are direct drop-in replacements to all Semtech DP modules.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Radiotronics Part Number	Vcc	Mod Type	Baud Rate	Description	Region	Price Each		
							1	10	25
509-WI.DP1203-433-R	Wi.DP1203-433-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Transceiver Radio-only Modl, Microcontroller-less,(no shield)	Worldwide	17.95	17.40	16.89
509-WI.DP1203-868-R	Wi.DP1203-868-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Transceiver Radio-only Modl, Microcontroller-less,(no shield)	Europe	17.95	17.40	16.89
509-WI.DP1203-915-R	Wi.DP1203-915-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Transceiver Radio-only Modl, Microcontroller-less,(no shield)	N. America	17.95	17.40	16.89
509-WI.DP1205-433-R	Wi.DP1205-433-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 304700	Transceiver Radio-only Modl, Microcontroller-less,(no shield)	Worldwide	17.53	16.80	16.73
509-WI.DP1205-868-R	Wi.DP1205-868-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 304700	Transceiver Radio-only Modl, Microcontroller-less,(no shield)	Europe	17.53	16.98	16.73
509-WI.M868X-DP-EVMR	Wi.M868X-DP-EVM-R	3.6 - 12 VDC	FSK	1200 - 38400	Wi.M868X-DP-R™ Evaluation Module	Europe	31.87	30.85	29.88
509-WI.M868X-DP-R	Wi.M868X-DP-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Trnscvr Radio-only Modl, Microcontroller-less,(no shield optional)	Europe	16.56	16.05	15.80
509-WI.M900X-DP-EVMR	Wi.M900X-DP-EVM-R	3.6 - 12 VDC	FSK	2400 - 38400	Wi.M900X-DP-R™ Evaluation Module	N. America	31.87	30.85	29.88
509-WI.M900X-DP-R	Wi.M900X-DP-R	2.4 - 3.6 VDC	FSK/DTS	1200 - 152340	Trnscvr Radio-only Modl, Microcontroller-less,(no shield optional)	N. America	17.12	16.56	16.05

