

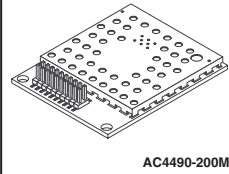


Wireless Products

Innovative Technology for a Connected World

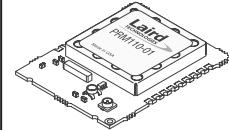
With the addition of the Aerocomm (Proprietary RF) and EZURIO (Bluetooth® and WLAN) products, Laird offers a wide variety of wireless systems solutions based on standard and proprietary solutions, either module or stand-alone format.

Proprietary RF Module



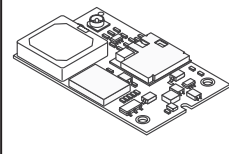
AC4490-200M

FlexRF® 2.4GHz Wireless Module NEW!



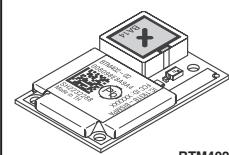
PRM110

802.11B/G WLAN Module



WISM01B1

Long Range Bluetooth® Module NEW!



BTM402

Frequency	Power Output Max. (mW)	Antenna Type	Serial Baud Rate Max. (Kbps)	Serial Interface	Standard/Modulation	Digi-Key Part No.	Price Each	50	100	Laird Technologies Part No.
Proprietary RF Modules										
868	5	Connector, MMCX	115.2	3V or 5V TTL	FSK	AC4486-5M-ND†	65.59	61.98	58.36	AC4486-5M
	5	Connector, MMCX	115.2	3V or 5V TTL	FSK	AC4486-5M-485-ND‡	66.71	63.10	59.48	AC4486-5M-485
	5	Integral	115.2	3V or 5V TTL	FSK	AC4486-5A-ND‡	67.72	64.16	60.60	AC4486-5A
	5	Integral	115.2	3V or 5V TTL	FSK	AC4486-5A-485-ND‡	68.84	65.29	61.72	AC4486-5A-485
	250	Connector, MMCX	57.6	3V TTL	FSK	AC4868-250M-ND†	88.26	85.51	82.76	AC4868-250M
900	200	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490-200M-ND†	70.14	65.65	61.16	AC4490-200M
	200	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490L-200M-ND†	76.87	71.82	66.77	AC4490L-200M
	200	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490-200M-485-ND‡	71.26	66.77	62.28	AC4490-200M-485
	200	Integral	115.2	3V or 5V TTL	FHSS	AC4490-200A-ND†	71.65	67.17	62.68	AC4490-200A
	1,000	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490-1000M-ND†	86.97	81.92	76.87	AC4490-1000M
	1,000	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490L-1000M-ND†	94.82	89.22	83.61	AC4490L-1000M
	1,000	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4490-1000M-485-ND‡	88.09	83.04	77.99	AC4490-1000M-485
	200	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4790-200M-ND†	70.14	65.65	61.16	AC4790-200M
	200	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4790L-200M-ND†	76.87	71.82	66.77	AC4790L-200M
200	Integral	115.2	3V or 5V TTL	FHSS	AC4790-200A-ND†	71.65	67.17	62.68	AC4790-200A	
2400	1,000	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4790-1000M-ND†	86.97	81.92	76.87	AC4790-1000M
	1,000	Connector, MMCX	115.2	3V or 5V TTL	FHSS	AC4790L-1000M-ND†	94.82	89.22	83.61	AC4790L-1000M
	200	Connector, MMCX	192	3V or 5V TTL	FHSS	LT4424-200-ND†	102.12	99.32	96.51	AC4424-200
NEW! FlexRF® Modules — RoHS Compliant NEW!										
2400	125	u.FL Connector	500	3V TTL	FHSS	PRM110-ND†	39.84	38.72	37.60	PRM110
	125	Integrated Chip	500	3V TTL	FHSS	PRM111-ND†	39.84	38.72	37.60	PRM111
	50	u.FL Connector	500	3V TTL	FHSS	PRM112-ND†	39.84	38.72	37.60	PRM112
	50	Integrated Chip	500	3V TTL	FHSS	PRM113-ND†	39.84	38.72	37.60	PRM113
	125	u.FL Connector	500	3V TTL	FHSS	PRM120-ND†	42.59	41.47	40.35	PRM120
	125	Integrated Chip	500	3V TTL	FHSS	PRM121-ND†	42.59	41.47	40.35	PRM121
	50	u.FL Connector	500	3V TTL	FHSS	PRM122-ND†	42.59	41.47	40.35	PRM122
50	Integrated Chip	500	3V TTL	FHSS	PRM123-ND†	42.59	41.47	40.35	PRM123	
Stand-Alone Radio Modules										
900	200	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CL4490-200-05-ND	123.44	—	—	CL4490-200-05
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4490-1000-232-ND	123.44	—	—	CL4490-1000-232
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4490-1000-232-SP-ND	252.49	—	—	CL4490-1000-232-SP
	1,000	Dipole, RPSMA (female)	115.2	RS485, DB9 Male	FHSS	CL4490-1000-485-ND	123.44	—	—	CL4490-1000-485
	1,000	Dipole, RPSMA (female)	115.2	RS485, DB9 Male	FHSS	CL4490-1000-485-SP-ND	252.49	—	—	CL4490-1000-485-SP
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4490-1000-PRO-ND	167.20	—	—	CL4490-1000-PRO
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4490-1000-PRO-SP-ND	336.65	—	—	CL4490-1000-PRO-SP
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4490-1000-UPR-SP-ND	336.65	—	—	CL4490-1000-UPR-SP
	200	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CL4790-200-05-ND	123.44	—	—	CL4790-200-05
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4790-1000-232-ND	123.44	—	—	CL4790-1000-232
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Male	FHSS	CL4790-1000-232-SP-ND	252.49	—	—	CL4790-1000-232-SP
	1,000	Dipole, RPSMA (female)	115.2	RS485, DB9 Male	FHSS	CL4790-1000-485-ND	123.44	—	—	CL4790-1000-485
	1,000	Dipole, RPSMA (female)	115.2	RS485, DB9 Male	FHSS	CL4790-1000-485-SP-ND	252.49	—	—	CL4790-1000-485-SP
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CN4490-1000-232-SP-ND	428.67	—	—	CN4490-1000-232-SP
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CN4490-1000-ND	279.42	—	—	CN4490-1000
	1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CN4490-1000-SP-ND	559.96	—	—	CN4490-1000-SP
1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CN4790-1000-232-SP-ND	428.67	—	—	CN4790-1000-232-SP	
1,000	Dipole, RPSMA (female)	115.2	RS232, DB9 Female	FHSS	CN4790-1000-ND	279.42	—	—	CN4790-1000	
EZURIO Bluetooth® and WLAN Modules — RoHS Compliant										
2400	+15▲	Ceramic	921.6	UART	802.11B/G	WISM01B1-ND	78.55	—	—	WISM01B1
	+15▲	Ceramic	921.6	UART	802.11B/G	WISM03B1-ND	123.55	—	—	WISM03B1
	+15▲	Ceramic	921.6	UART	802.11B/G	WISM04B1-ND	123.55	—	—	WISM04B1
	+6	Ceramic Connector, u.FL	921.6	RS-232	Bluetooth 2.0	TRBLU23-00200-ND	47.48	—	—	TRBLU23-00200
	+6	Ceramic Connector, u.FL	921.6	RS-232	Bluetooth 2.0	TRBLU23-00300-ND	47.48	—	—	TRBLU23-00300
	+6	Ceramic	921.6	RS-232	Bluetooth 2.0	BISM02B1-ND	36.87	—	—	BISM02B1
	+6	Ceramic	921.6	RS-232	Bluetooth 2.0	BISM02B1-NA-ND	36.87	—	—	BISM02B1-NA
	+6	Integrated Ceramic	2,500	RS-232, DB9 Female	Bluetooth 1.1	BHCRS02B1-ND	160.73	—	—	BHCRS02B1
	+6	Integrated Ceramic	3,000	USB Dongle	Bluetooth 2.0	BRBLU03-010A0-ND	50.74	—	—	BRBLU03-010A0
	+16▲	Ceramic	921.6	RS-232	Bluetooth 2.0	BTM402-ND	51.53	—	—	BTM402
	2.5	Integrated Ceramic	921.6	RS-232	Bluetooth 2.0	BTM404-ND	51.53	48.70	45.87	BTM404
	2.5	Integrated Ceramic	300+	UART	Bluetooth 2.1+EDR	BTM411-ND	24.80	22.95	21.09	BTM411
	2.5	Integrated Ceramic	2100	USB	Bluetooth 2.1+EDR	BTM421-ND	24.80	22.95	21.09	BTM421
	2.5	Integrated Ceramic	300+	UART	Bluetooth 2.1+EDR	BTM511-ND	29.80	27.58	25.34	BTM511
6.3	Integrated Ceramic	300+	UART	Bluetooth 2.1+EDR	BTM521-ND	34.24	31.67	29.30	BTM521	

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Description	Digi-Key Part No.	Price Each	Laird Technologies Part No.
Proprietary RF Module Developer Kits			
AC4490-200M Developer's Kit	SDK-AC4490-200M-ND	223.31	SDK-AC4490-200M
AC4490L-200M Developer's Kit	SDK-AC4490L-200M-ND	252.49	SDK-AC4490L-200M
AC4490-200A Developer's Kit	SDK-AC4490-200A-ND	223.31	SDK-AC4490-200A
AC4490L-1000M Developer's Kit	SDK-AC4490L-1000M-ND	223.31	SDK-AC4490-1000M
AC4790-200M Developer's Kit	SDK-AC4790-200M-ND	223.31	SDK-AC4790-200M
AC4790L-200M Developer's Kit	SDK-AC4790L-200M-ND	252.49	SDK-AC4790L-200M
AC4790-200A Developer's Kit	SDK-AC4790-200A-ND	223.31	SDK-AC4790-200A
AC4790L-1000M Developer's Kit	SDK-AC4790L-1000M-ND	252.49	SDK-AC4790L-1000M
AC4486-5M Developer's Kit	SDK-AC4486-5M-ND	223.31	SDK-AC4486-5M
AC4486-5A Developer's Kit	SDK-AC4486-5A-ND	223.31	SDK-AC4486-5A
AC4868-250M Developer's Kit	SDK-AC4868-250M-ND	223.31	SDK-AC4868-250M
PRM110 Developer's Kit	DVK-PRM110-ND	223.31	DVK-PRM110
PRM111 Developer's Kit	DVK-PRM111-ND	223.31	DVK-PRM111
PRM112 Developer's Kit	DVK-PRM112-ND	223.31	DVK-PRM112
PRM113 Developer's Kit	DVK-PRM113-ND	223.31	DVK-PRM113
PRM120 Developer's Kit	DVK-PRM120-ND	223.31	DVK-PRM120
PRM121 Developer's Kit	DVK-PRM121-ND	223.31	DVK-PRM121
PRM122 Developer's Kit	DVK-PRM122-ND	223.31	DVK-PRM122
PRM123 Developer's Kit	DVK-PRM123-ND	223.31	DVK-PRM123
NEW! Bluetooth and WLAN Module Evaluation Boards — RoHS Compliant NEW!			
Bluetooth Evaluation Board BTM411	DVK-BTM411-ND	185.16	DVK-BTM411
Bluetooth Evaluation Board BTM511	DVK-BTM511-ND	164.95	DVK-BTM511
Bluetooth and WLAN Module Development Kits — RoHS Compliant			
Development Kit for Bluetooth Module BISM II and USB II	BISDK02B1-02-ND	202.98	BISDK02B1-02
Development Kit for Bluetooth Module BISM II, WISM TCP/IP and USB II	BISDK02B1-03-ND	359.84	BISDK02B1-03
Development Kit for WLAN Module WISM TCP/IP	WISDK01B1-02-ND	332.16	WISDK01B1-02
Development Kit for BTM-521	DVK-BTM521-ND	235.65	DVK-BTM521
NEW! 802.15.4 Module Evaluation Boards — RoHS Compliant NEW!			
Zigbee Evaluation Board Coordinator - RS232	EVB-Z100S1AFC-2-ND	111.09	EVB-Z100S1AFC-2
Zigbee Evaluation Board Coordinator - RS232	EVB-Z100S1UFC-2-ND	111.09	EVB-Z100S1UFC-2

Description	Digi-Key Part No.	Price Each	Laird Technologies Part No.
Accessories			
Samtec 20-pin mating Connector for AC44xx	0700-00012-ND	4.49	0700-00012
Power Supply, 7.5VDC, 1.5A, Switching Regulator, 100 - 240VAC Input	0650-00005-ND	22.44	0650-00005
Antenna, 915MHz, Whip, 1/2 Wave, 7", 2dBi, Right Angle, MMCX Plug	0600-00019-ND	16.16	0600-00019
Antenna, 915MHz, Whip, 1/2 Wave, 7", 2dBi, Right Angle, RPSMA Plug	0600-00024-ND	15.71	0600-00024
Antenna, 915MHz, 1/2 Wave, 7", 2dBi, MMCX Plug	0600-00025-ND	15.71	0600-00025
Antenna, 915MHz, 1/2 Wave, 7", 2dBi, RPSMA	0600-00027-ND	15.71	0600-00027
Antenna, 915MHz, 1/2 Wave, 6", 2.5dBi, Right Angle, RPSMA	0600-00028-ND	15.71	0600-00028
Antenna, 915MHz, 1/2 Wave, 6", 2.5dBi, RPSMA	0600-00029-ND	15.71	0600-00029
Antenna, 915MHz, 1/4 Wave, 3.5", 1dBi, RPSMA	0600-00030-ND	15.71	0600-00030
Cable Coax 7", RG178 MMCX - RPSMA	1300-00023-ND	14.59	1300-00023
Cable Coax 5", RG178 U.F.L. - RPSMA	1300-00041-ND	18.24	1300-00041
Antenna, 868MHz, 1/2 Wave, 7", 2dBi, Right Angle, MMCX Plug	0600-00020-ND	17.95	0600-00020
Antenna, 2.45GHz, 1/2 Wave, 5", 2dBi, Right Angle, MMCX Plug	0600-00002-ND	14.59	0600-00002
Antenna, 2.45GHz, 1/2 Wave, 5", 2dBi, MMCX Plug	0600-00008-ND	14.59	0600-00008
Antenna, 2.45GHz, 5/8 Wave, 7", 5dBi, Right Angle, RPSMA	0600-00010-ND	15.71	0600-00010
Antenna, 2.45GHz, 1/2 Wave, 7", 5dBi, MMCX Plug	0600-00011-ND	15.71	0600-00011
Antenna, 2.45GHz, 1/2 Wave, 7", 5dBi, Right Angle, MMCX Plug	0600-00012-ND	15.71	0600-00012
Antenna, 2.45GHz, 1/2 Wave, 5", 2dBi, Right Angle, RPSMA	0600-00014-ND	14.59	0600-00014
Antenna, 2.45GHz, Microstrip	2150-00006-ND	10.10	2150-00006
CL4424-100-232 Board Only, No Enclosure	2200		