

LAIRD TECHNOLOGIES Wireless System Modules



2.4GHZ AC4424 SERIES - WIRELESS TRANSCIVER MODULES, FLEXIBLE PROTOCOL

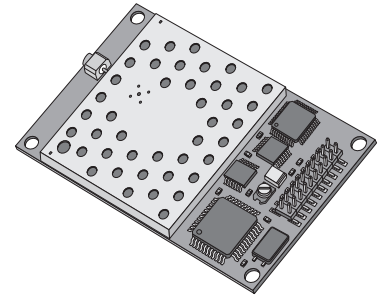
AC4424 is a 2.4GHz FHSS digital transceiver that represents a breakthrough in industrial RF communication. Comprised of a complete, agency-certified radio and sophisticated RF232® protocol, AC4424 simplifies the OEMs design effort and assures successful field operation. RF232 makes AC4424 a drop-in module for seamless integration, easy operation and fast time-to-market.



RoHS Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Approved Countries	Price Each	
				1	50
814-AC4424-10	AC4424-10	2.4GHz OEM Transceiver, 5V TTL Serial, 10mW	World Wide	85.00	81.99
814-AC4424-10A	AC4424-10A	2.4GHz OEM Transceiver, 5V TTL Serial, 10mW, integral ant.	World Wide	86.99	85.00
814-AC4424-100	AC4424-100	2.4GHz OEM Transceiver, 5V TTL Serial, 100mW	World Wide	89.50	87.00
2.4GHz Development Kits					
814-SDK-AC4424-10A	SDK-AC4424-10A	AC4424-10A Developer Kit	World Wide	199.00	-
814-SDK-AC4424-100	SDK-AC4424-100	AC4424-100 Developer Kit	World Wide	199.00	-
2.4GHz Antennas					
814-0600-00002	0600-00002	1/2 wave, 5", 2dBi, RA, MMCX plug	-	13.42	13.15
814-0600-00008	0600-00008	1/2 wave, 5", 2dBi, MMCX plug	-	13.42	13.15
814-0600-00014	0600-00014	1/2 wave, 5", 2dBi, RA, RPSMA	-	13.42	13.15
814-0600-00012	0600-00012	7", 5dBi, RA, MMCX plug	-	14.64	14.25
814-0600-00011	0600-00011	7", 5dBi, MMCX plug	-	14.64	14.25
814-0600-00010	0600-00010	7", 5dBi, RA, RPSMA	-	14.64	14.25
814-2150-00006	2150-00006	NZH2400 microstrip antenna	-	9.00	8.50
814-1300-00023	1300-00023	5" RG178 coax, RA MMCX plug to RPSMA bulkhead	-	13.00	12.50
2.4GHz Accessories					
814-0700-00012	0700-00012	Samtec 20-pin mating connector for AC4424 and AC4490	-	4.00	3.85
814-0650-00005	0650-00005	Power Supply, 7.5 VDC, 1.5A, Sw. Reg., 100-240 VAC	-	20.00	19.25



2.4 GHz AC4424 Series

868MHZ AC4486/4868 SERIES - WIRELESS TRANSCIVER MODULES

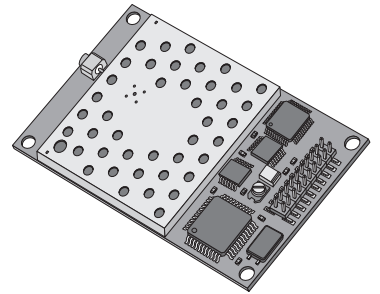
Compact 868MHz transceivers can replace miles of cable in harsh environments. Using field-proven RF technology which needs no additional ETSI (Europe) licensing, OEMs with little or no previous RF experience can easily and quickly make existing systems wireless.



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Approved Countries	Price Each	
				1	50
5mW Variable Modules					
814-AC4486-5M	AC4486-5M	868MHz transceiver, TTL serial RS232, 0-250mW, MMCX antenna	World Wide	58.45	55.00
814-AC4486-5A	AC4486-5A	868MHz transceiver, TTL serial RS232, 0-250mW, integral antenna	World Wide	60.35	57.00
250mW Variable Modules					
814-AC4868-250M	AC4868-250M	868MHz transceiver, TTL serial RS232, 0-250mW, MMCX antenna	World Wide	78.65	75.00
868MHz Development Kits					
814-SDK-AC4868-250M	SDK-AC4868-250M	AC4868-250M Development Kit	World Wide	199.00	-
868MHz Antennas					
814-0600-00020	0600-00020	1/2 Wave Antenna, 7", 2dBi, RA, MMCX plug	-	16.00	15.50
814-1300-00023	1300-00023	5" RG178 Coax Cable, RA MMCX plug to RPSMA bulkhead	-	13.00	12.50
868MHz Accessories					
814-0700-00012	0700-00012	Samtec 20-pin mating connector	-	4.00	3.85
814-0650-00005	0650-00005	Power Supply, 7.5 VDC, 1.5 A, Sw. Reg., 100-240 VAC Input	-	20.00	19.25



868 MHz AC4486/4868 Series

BLUETOOTH/WIRELESS W-LAN MODULE KITS

The development board allows the Laird Bluetooth or Wireless W-LAN Module to be connected to a PC. The development board provides RS-232 level conversion through a standard 9 way D type connector to all pins of the 40 way and a 50 way Hirose connectors used by Bluetooth or Wireless LAN interface.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each
Bluetooth or Wireless LAN Module Kits			
239-BISDK02BI-02	BISDK02BI-02	BISMII & High Speed USB adaptor	179.99
239-BISDK02BI-03	BISDK02BI-03	LAN 802.11, BISMII & High Speed USB adaptor	319.87
239-WISDK01BI-02	WISDK01BI-02	LAN 802.11 & WISM Module	295.00
Accessories			
239-ACC-004	ACC-004	Surface Mount DKA	66.00
239-ACC-005	ACC-005	Winbond W681360 Audio Codec Board	204.57
239-CWAA-00005-01	CWAA-00005-01	3.6mm Richco Mounting Pillars	170.77



LAN/BLUETOOTH MODULES

Whether your requirement is for Bluetooth or Wireless LAN, Laird's embedded modules are designed with compatibility in mind. LAN module and Laird's Bluetooth Intelligent Serial technology. The pin configuration and physical dimensions of both the Wireless Module (BISM) are the same giving you the choice of wireless.

The Intelligent Wireless LAN module is a fully integrated 802.11b/g module that is designed for embedded applications where an 802.3interface is required. The module provides a UART connection to the host system. An integrated ARM processor runs the wireless network drivers for the 802.11b/g radio. With its integrated +2dB gain antenna it provides a complete 802.11b/g solution in a single module.

MOUSER STOCK NO.	Laird Tech Part No.	Fig.	Description	Price Each
Laird LAN Modules				
239-WISMC01BI	WISMC01BI	A	802.11b/g UW TCP/IP - Hirose 40pin	70.00
239-WISMC03BI	WISMC03BI	A	802.11b/g SLIP - Hirose 40 pin	110.10
239-WISMC04BI	WISMC04BI	B	802.11b/g UW TCP/IP - Hirose 50pin	110.10
Laird Bluetooth Modules				
239-TRBLU23-00200	TRBLU23-00200	C	BISMII Bluetooth v2.0 Module	42.31
239-TRBLU23-00300	TRBLU23-00300	C	BISMII - uFL connector	42.31
239-BTM402	BTM402	C	BISM II - Power Amp (PA)	45.92
239-BISMS02BI	BISMS02BI	D	Surface Mount BISM II	32.86
239-BISMS02BI-NA	BISMS02BI-NA	D	Surface Mount BISM II - uFL connector	32.86
239-BRBLU03-010A0	BRBLU03-010A0	-	High Speed Bluetooth USB Adapter	45.22

