



LINX TECHNOLOGIES RF Modules and Dev Systems

Products may be RoHS compliant.
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Wireless Solutions

EMBEDDED GPS MODULES

Linx Embedded GPS Modules provide complete, easily applied, high-performance GPS solutions in compact reflow-compatible SMD packages. The tiny (10x15mm) SG Series features an on-board LNA and SAW filter and is designed for use with external active or passive GPS antennas, while the SR Series integrates a ceramic antenna on-board and requires no further RF components. Both versions utilize the SIRF starIII low-power chipset which minimizes power consumption and provides exceptional sensitivity. Programming is not required and the module's standard NMEA data output makes development straightforward. A comprehensive development system is available to further speed implementation.



RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Linx Part No.	Description	Price Each		
			1	25	50
712-RXM-GPS-SG-B	RXM-GPS-SG-B	SG Series GPS Receiver Module-Bulk	34.93	31.93	29.62
712-RXM-GPS-SR-B	RXM-GPS-SR-B	SR Series GPS Receiver w/integrated antenna-Bulk	48.93	44.73	41.50
GPS Evaluation and Development Systems			1		
712-MDEV-GPS-SG	MDEV-GPS-SG	SG Master Development System	249.00		
712-MDEV-GPS-SR	MDEV-GPS-SR	SR Master Development System	289.00		

Linx Technologies

LONG RANGE RF TRANSCEIVER MODULES - LT SERIES

The LT Series transceiver is ideally suited to a diverse range of consumer and industrial applications that require reliable, low-cost, bi-directional communication. Housed in a tiny reflow-compatible package the transceiver operates in the favorable 260 to 470MHz band, and is designed for full regulatory compliance and interference immunity. The transceiver is capable of generating +10dBm into a 50-ohm load and achieves an outstanding typical sensitivity of -112dBm. Like all Linx modules, the LT Series requires no tuning or external RF components (except an antenna).



RoHS Compliant

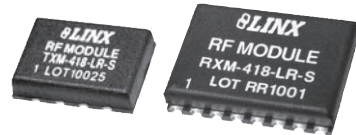
For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Linx Part No.	Description	Price Each		
			1	25	50
712-TRM-315-LT	TRM-315-LT	RF Transceiver Module 315MHz	17.15	15.68	15.19
712-TRM-418-LT	TRM-418-LT	RF Transceiver Module 418MHz	17.15	15.68	15.19
712-TRM-433-LT	TRM-433-LT	RF Transceiver Module 433MHz	17.15	15.68	15.19
LT Series Development and Evaluation Systems			1		
712-EVAL-315-LT	EVAL-315-LT	LT Series Basic Evaluation System 315MHz	149.00		
712-EVAL-418-LT	EVAL-418-LT	LT Series Basic Evaluation System 418MHz	149.00		
712-EVAL-433-LT	EVAL-433-LT	LT Series Basic Evaluation System 433MHz	149.00		

NEW SUPPLIER

LONG RANGE WIRELESS COMMUNICATION MODULES - LR SERIES

The LR Series is ideal for the wireless transfer of serial data, control, or command information in the favorable 260-470MHz band. The receiver's advanced synthesized superhet architecture achieves an outstanding typical sensitivity of -112dBm, which provides a 5-10 times improvement in range over previous solutions. The transmitter's synthesized architecture minimizes the effects of antenna loading, providing a more stable, consistent performance. When paired, a reliable wireless link is formed, capable of transferring data at rates of up to 10,000bps over distances of up to 3,000 feet. Like all Linx modules, the LR Series requires no tuning or external RF components (except an antenna).



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MOUSER STOCK NO.	Linx Part No.	Description	Price Each		
			1	25	50
712-TXM-315-LR	TXM-315-LR	RF Transmitter Module 315MHz	7.46	6.81	6.60
712-TXM-418-LR	TXM-418-LR	RF Transmitter Module 418MHz	7.46	6.81	6.60
712-TXM-433-LR	TXM-433-LR	RF Transmitter Module 433MHz	7.46	6.81	6.60
712-RXM-315-LR	RXM-315-LR	RF Receiver Module 315MHz	13.56	12.40	12.02
712-RXM-418-LR	RXM-418-LR	RF Receiver Module 418MHz	13.56	12.40	12.02
712-RXM-433-LR	RXM-433-LR	RF Receiver Module 433MHz	13.56	12.40	12.02
LR Series Development and Evaluation Systems			1		
712-EVAL-315-LR	EVAL-315-LR	LR Series Basic Evaluation System 315MHz	139.00		
712-EVAL-418-LR	EVAL-418-LR	LR Series Basic Evaluation System 418MHz	139.00		
712-EVAL-433-LR	EVAL-433-LR	LR Series Basic Evaluation System 433MHz	139.00		

NEW SUPPLIER

LOW COST RF TRANSMITTER MODULES - LC SERIES

The LC Series provides a low-cost transmitter solution well suited to applications such as remote control, security, identification, and periodic data transfer. Housed in a compact surface-mount package, the LC Series modules utilize a highly-optimized SAW architecture to achieve a blend of performance, size, efficiency, and cost. When the transmitter is paired with a matching LR Series or KH Series receiver, a reliable wireless link is formed, capable of transferring serial data at rates of up to 5,000bps. Like all Linx modules, the LC Series requires no tuning or external RF components (except an antenna).



RoHS Compliant

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MOUSER STOCK NO.	Linx Part No.	Description	Price Each		
			1	25	50
712-TXM-315-LC	TXM-315-LC	RF Transmitter Module 315MHz	6.90	6.30	6.10
712-TXM-418-LC	TXM-418-LC	RF Transmitter Module 418MHz	6.90	6.30	6.10
712-TXM-433-LC	TXM-433-LC	RF Transmitter Module 433MHz	6.90	6.30	6.10
LR Series Development and Evaluation Systems			1		
712-EVAL-315-LC	EVAL-315-LC	LC Series Basic Evaluation System 315MHz	139.00		
712-EVAL-418-LC	EVAL-418-LC	LC Series Basic Evaluation System 418MHz	139.00		
712-EVAL-433-LC	EVAL-433-LC	LC Series Basic Evaluation System 433MHz	139.00		

NEW SUPPLIER

