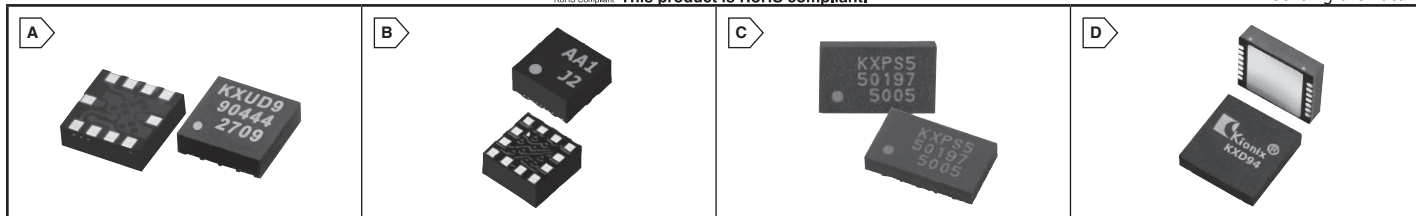


KIONIX Accelerometers

This product is RoHS compliant.



3-AXIS ACCELEROMETER ICs

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kionix Part No.	Fig.	Package	Output	Acceleration	Sensitivity	Offset	Operating Voltage (V)	Operating Temp. (°C)	Price Each				
										1	25	100	250	
KXCJ9 Series														
912-KXCJ9-1008	KXCJ9-1008	A	LGA-10	I2C	2g, 4g, 8g	18-71 (8-bit), 282-1126 (12-bit), 1126 (14-bit) counts/g	0 counts	1.8-3.6	-40 to +85	2.80	2.60	2.41	2.08	
KXTI9 Series														
912-KXTI9-1001	KXTI9-1001	A	LGA-10	I2C	2g, 4g, 8g	17-67 (8-bit), 247-1060 (12-bit) counts/g	0 counts	1.8-3.6	-40 to +85	3.01	2.80	2.59	2.25	
KXUD9 Series														
912-KXUD9-1026	KXUD9-1026	A	LGA-10	SPI, I2C	2g, 4g, 6g, 8g	819, 410, 273, 205 counts/g	2048 counts	2.6	-40 to +85	3.17	2.94	2.72	2.36	
912-KXUD9-2050	KXUD9-2050	A	LGA-10	SPI/I2C	2g, 4g, 6g, 8g	819, 410, 273, 205 counts/g	2048 counts	3.6-1.8	-40 to +85	3.17	2.94	2.72	2.36	
912-KXUD9-4100	KXUD9-4100	A	LGA-10	SPI/I2C	2g, 4g, 6g, 8g	819, 410, 273, 205 counts/g	2048 counts	3.6-1.8	-40 to +85	3.17	2.94	2.72	2.36	
KXTE9 Series														
912-KXTE9-1026	KXTE9-1026	A	LGA-10	I2C	2g	16 counts/g	32 counts	2.6	-40 to +85	2.95	2.74	2.54	2.20	
912-KXTE9-1050	KXTE9-1050	A	LGA-10	I2C	2g	16 counts/g	32 counts	2.8	-40 to +85	2.95	2.74	2.54	2.20	
912-KXTE9-2050	KXTE9-2050	A	LGA-10	I2C	2g	16 counts/g	32 counts	3.6-1.8	-40 to +85	2.95	2.74	2.54	2.20	
912-KXTE9-4100	KXTE9-4100	A	LGA-10	I2C	2g	16 counts/g	32 counts	3.6-1.8	-40 to +85	2.95	2.74	2.54	2.20	
KXTF9 Series														
912-KXTF9-2050	KXTF9-2050	A	LGA-10	I2C	2g, 4g, 8g	64, 32, 16 (8-bit) 1024, 512, 256 (12-bit) counts/g	0 counts	3.6-1.8	-40 to +85	3.47	3.22	2.98	2.58	
912-KXTF9-4100	KXTF9-4100	A	LGA-10	I2C	2g, 4g, 8g	64, 32, 16 (8-bit) 1024, 512, 256 (12-bit) counts/g	0 counts	3.6-1.8	-40 to +85	3.47	3.22	2.98	2.58	
KXTH9 Series														
912-KXTH9-2083	KXTH9-2083	A	LGA-10	Mux Analog	2.5g	400mV/g	1.25V	2.5	-40 to +85	4.52	4.20	3.89	3.36	
KXTC9 Series														
912-KXTC9-2050	KXTC9-2050	A	LGA-10	Analog	2g	660mV/g	1.65V	3.6-1.8	-40 to +85	2.95	2.74	2.54	2.20	
912-KXTC9-4100	KXTC9-4100	A	LGA-10	Analog	2g	660mV/g	0.9V	3.6-1.8	-40 to +85	2.95	2.74	2.54	2.20	
KXTJ2 Series														
912-KXTJ2-1009	KXTJ2-1009	B	LGA-12	I2C	2g, 4g, 8g	18-71 (8-bit), 282-1126 (12-bit), 1126 (14-bit) counts/g	0 counts	1.8-3.6	-40 to +85	2.89	2.68	2.48	2.15	
KXTH5 Series														
912-KXTH5-4325	KXTH5-4325	C	LGA-14	Mux Analog	2.75g	364mV/g	1.25V	2.5	-40 to +85	4.52	4.20	3.89	3.36	
KXPS5 Series														
912-KXPS5-2050	KXPS5-2050	C	LGA-14	I2C/SPI	2g	660mV/g	1.65V	5.25-1.8	-40 to +85	6.84	6.36	5.89	5.09	
912-KXPS5-1083	KXPS5-1083	C	LGA-14	I2C/SPI	2g	1000mV/g	2.5V	5.25-1.8	-40 to +85	6.84	6.36	5.89	5.09	
KXRB5 Series														
912-KXRB5-2042	KXRB5-2042	C	LGA-14	Analog	2g	600mV/g	1.5V	2.5-5.25	-40 to +85	7.44	6.92	6.41	5.54	
912-KXRB5-2050	KXRB5-2050	C	LGA-14	Mux Analog	2g	660mV/g	1.5V	5.25-2.5	-40 to +85	7.44	6.92	6.41	5.54	
912-KXRB5-2050	KXRB5-2050	C	LGA-14	Mux Analog	2g	660mV/g	1.5V	5.25-2.5	-40 to +85	7.44	6.92	6.41	5.54	
KXSS5 Series														
912-KXSS5-2057	KXSS5-2057	C	LGA-14	I2C, SPI, Analog	3g	546 counts/g	2048 counts	3.3	-40 to +85	5.42	5.04	4.67	4.04	
912-KXSS5-3028	KXSS5-3028	C	LGA-14	I2C, SPI, Analog	3g	546 counts/g	2048 counts	2.8	-40 to +85	5.42	5.04	4.67	4.04	
912-KXSS5-4457	KXSS5-4457	C	LGA-14	I2C, SPI, Analog	3g	546 counts/g	2048 counts	1.8	-25 to +70	5.42	5.04	4.67	4.04	
KXR94 Series														
912-KXR94-1050	KXR94-1050	D	DNF-14	Analog	2g	560mV/g	1.4V	2.5-5.25	-40 to +85	7.98	7.42	6.87	5.94	
912-KXR94-7050	KXR94-7050	D	DNF-14	Analog	2g	660mV/g	1.65V	2.5-5.25	-40 to +85	7.98	7.42	6.87	5.94	
KXR95 Series														
912-KXR94-2050	KXR94-2050	D	DNF-14	Mux Analog	2g	660mV/g	1.65V	5.25-2.5	-40 to +85	7.98	7.42	6.87	5.94	
912-KXR94-2283	KXR94-2283	D	DNF-14	Mux Analog	2g	1000mV/g	2.5V	5.25-2.5	-40 to +85	7.98	7.42	6.87	5.94	
912-KXR94-2353	KXR94-2353	D	DNF-14	Digital SPI	2g	819 counts/g	2048 counts	5.25-2.5	-40 to +85	7.98	7.42	6.87	5.94	
KXD94 Series														
912-KXD94-2082	KXD94-2082	D	DNF-14	Mux Analog	10g	200mV/g	2.5V	5.25-2.5	-40 to +85	6.76	6.28	5.81	5.03	
912-KXD94-7138	KXD94-7138	D	DNF-14	Analog	5g	400mV/g	2.5V	2.5-5.25	-40 to +125	6.76	6.28	5.81	5.03	

EVALUATION BOARDS

PRODUCT **NEW**

MOUSER STOCK NO.	Kionix Part No.	Description	Price Each	MOUSER STOCK NO.	Kionix Part No.	Description	Price Each
912-EVAL-D9	EVAL-D9	Dev. tools/Eval. board for KXUD9-1026	37.50	912-EVAL-KXRB5-2042	EVAL-KXRB5-2042	Dev. Tools/Eval. Board for KXRB5-2042	37.50
912-EVAL-F9	EVAL-F9	Dev. tools/Eval. board for KXTF9-2050	37.50	912-EVAL-KXSS5-2057	EVAL-KXSS5-2057	Dev. Tools/Eval. Board for KXSS5-2057	37.50
912-EVAL-C9	EVAL-C9	Dev. tools/Eval. board for KXTC9-2050	37.50	912-EVAL-KXSS5-3028	EVAL-KXSS5-3028	Dev. Tools/Eval. Board for KXSS5-3028	37.50
912-EVAL-B5	EVAL-B5	Dev. tools/Eval. board for KXRB5-2050	37.50	912-EVAL-KXSS5-4457	EVAL-KXSS5-4457	Dev. Tools/Eval. Board for KXSS5-4457	37.50
912-EVAL-R94	EVAL-R94	Dev. tools/Eval. board for KXR94-2050	37.50	912-EVAL-KXTC9-4100	EVAL-KXTC9-4100	Dev. Tools/Eval. Board for KXTC9-4100	37.50
912-EVAL-D94	EVAL-D94	Dev. tools/Eval. board for KXD94 Series	37.50	912-EVAL-KXTE9-1026	EVAL-KXTE9-1026	Dev. Tools/Eval. Board for KXTE9-1026	37.50
912-EZ430-C9	EZ430-C9	Dev. tools/Eval. board for KXTC9 series	43.75	912-EVAL-KXTE9-1050	EVAL-KXTE9-1050	Dev. Tools/Eval. Board for KXTE9-1050	37.50
912-EVAL-KXTI9-1001	EVAL-KXTI9-1001	Dev tools/Eval. board for KXTI9-1001	37.50	912-EVAL-KXTE9-4100	EVAL-KXTE9-4100	Dev. Tools/Eval. Board for KXTE9-4100	37.50
912-EVAL-KXD94-2802	EVAL-KXD94-2802	Dev. tools/Eval. board for KXD-94-2802	37.50	912-EVAL-KXTF9-1026	EVAL-KXTF9-1026	Dev. Tools/Eval. Board for KXTF9-1026	37.50
912-EVAL-KXD94-7228	EVAL-KXD94-7228	Dev. tools/Eval. board for KXD94-7228	37.50	912-EVAL-KXTF9-4100	EVAL-KXTF9-4100	Dev. Tools/Eval. Board for KXTF9-4100	37.50
912-EVAL-KXR94-1050	EVAL-KXR94-1050	Dev. tools/Eval. board for KXR94-1050	37.50	912-EVAL-KXTH5-4325	EVAL-KXTH5-4325	Dev. Tools/Eval. Board for KXTH5-4325	37.50
912-EVAL-KXR94-2283	EVAL-KXR94-2283	Dev. tools/Eval. board for KXR94-2283	37.50	912-EVAL-KXTH9-2083	EVAL-KXTH9-2083	Dev. Tools/Eval. Board for KXTH9-2083	37.50
912-EVAL-KXR94-2353	EVAL-KXR94-2353	Dev. tools/Eval. board for KXR94-2353	37.50	912-EVAL-KXUD9-2050	EVAL-KXUD9-2050	Dev. Tools/Eval. Board for KXUD9-2050	37.50
912-EVAL-KXR94-7050	EVAL-KXR94-7050	Dev. tools/Eval. board for KXR94-7050	37.50	912-EVAL-KXUD9-4100	EVAL-KXUD9-4100	Dev. Tools/Eval. Board for KXUD9-4100	37.50

ADAPTER BOARD

MOUSER STOCK NO.	Kionix Part No.	Description	Price Each
912-F340ADAPTERBOARD	F340 Adapter Board	Adapter Board between Accelerometer Eval Boards and Silicon Labs C8051F340-TB Development Kit	96.25