

# NXP Sensors and Analog ICs

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Analog ICs

## INTELLIGENT MOTION SENSING PLATFORM DEVELOPMENT TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Description	Price Each
841-KITMMA9550LEVM	KITMMA9550LEVM	For Development of MMA9550L Series	105.19
841-KITMMA9551LEVM	KITMMA9551LEVM	For Development of MMA9551L Series	105.19
841-MMA9559LKUBE	MMA9559LKUBE	For Development of MMA9559L Series	30.81

## 3-AXIS ACCELEROMETERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Acceleration Sensitivity (g)	Maximum Acceleration (g)	Digital Output (bits)	Interface	Output Data Rate	Price Each		
								1	25	100
841-FXLN8361QR1	FXLN8361QR1	QFN-12	2, 8	-	-	Analog	600Hz	2.55	2.14	2.05
841-FXLN8371QR1	FXLN8371QR1	QFN-12	2, 8	-	-	Analog	600Hz	3.39	2.85	2.73
841-MMA7660FCR1	MMA7660FCR1	DFN-10	1.5	10,000	6	I2C	User Select.	1.55	1.24	1.08
841-MMA8453QT	MMA8453QT	QFN-16	2, 4, 8	5000	8, 10	I2C	1.563-800Hz	1.32	1.17	.876
841-MMA8453QR1	MMA8453QR1	QFN-16	2, 4, 8	5000	10	I2C	1.563-800Hz	1.43	1.20	1.15
841-MMA8452QR1	MMA8452QR1	QFN-16	2, 4, 8	5000	12	I2C	1.563-800Hz	1.43	1.20	1.15
841-MMA8451QT	MMA8451QT	QFN-16	2, 4, 8	5000	14	I2C	1.563-800Hz	1.68	1.49	1.12
841-MMA8451QR1	MMA8451QR1	QFN-16	2, 4, 8	5000	14	I2C	1.563-800Hz	1.83	1.53	1.47
841-MMA8652FCR1	MMA8652FCR1	DFN-10	2, 4, 8	10,000	12	I2C	1.563-800Hz	1.15	.964	.923
841-MMA8653FCR1	MMA8653FCR1	DFN-10	2, 4, 8	10,000	12	I2C	1.563-800	1.10	.917	.878
841-MMA8491QR1	MMA8491QR1	QFN-12	8	10,000	14	I2C	1-800Hz	1.66	1.39	1.33
841-MMA9553LR1	MMA9553LR1	LGA-16	2, 4, 8	10,000	10, 12, 14, 16	I2C/SPI	3.8-488Hz	3.62	3.04	2.91
Development Tools								Price Each		
841-EVBCRTOUCH	EVBCRTOUCH	CRTouch Development Board					85.00			
841-LFSTBEB845X	LFSTBEB845X	MMA8450Q TripleAxis Digital Evaluation Kit					75.00			
841-RDMMMA845X	RDMMMA845X	Acceleration Sensor Development Tool Kit for LFSTBUSB/E845X					99.00			
841-RDFXWIN8USB	RDFXWIN8USB	12-Axis Xtrinsic Sensor Platform for Windows 8					211.44			
841-RDMMMA8491	RDMMMA8491	MMA8491Q Sensor Toolbox Development Kit					105.19			
841-DEMOMMA8491	DEMOMMA8491	MMA8491Q Stand Alone Evaluation Kit					21.24			

## HIGH ACCURACY, THREE AXIS XTRINSIC DIGITAL MAGNETOMETER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Magnetic Field Sensitivity (Gauss)	Maximum Applied Magnetic Field (μT)	Sampling Rate	Bus	Supply Current (Max.) (μA)	Voltage Supply (V)	Price Each		
								1	25	100
841-MAG3110FCR1	MAG3110FCR1	10	100000	80	I2C	900	.95 - 3.6	1.46	1.23	1.18

## XTRINSIC MOTION-SENSING PLATFORM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Description	Price Each		
			1	25	100
841-FXLC9500CLR1	FXLC9500CLR1	FXLC95000 Xtrinsic Motion-Sensing Kit	4.21	3.53	3.38

## 6-AXIS ACCELEROMETERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Acceleration Sensitivity (g)	Digital Output (bits)	Interface	Maximum Acceleration (g)	Output Data Rate	Supply Voltage (V)	Price Each		
									1	25	100
841-FXOS8700CQR1	FXOS8700CQ	QFN-16	2, 4, 8	14/16	I2C/SPI	5000	1.563-800Hz	1.95-3.6	2.64	2.21	2.12
Development Tools								Price Each			
841-RD4247FXOS8700	RD4247FXOS8700	FXOS8700CQ Sensor Toolbox Kit					99.00				

## PROXIMITY AND CAPACITIVE TOUCH SENSOR CONTROLLER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Touch Pads	Response Time (ms)	Interface and Input Control	Supply Current (μA)	Shut Down Current (μA)	Supply Voltage (V)	Price Each
									1
841-CRTOUCHB10VFM	CRTOUCHB10VFM	QFN-32	4	81	I2C/UART	11.8	1	1.8 - 3.6	2.15
Development Tools								Price Each	
841-DEMOMPR031	DEMOMPR031	Demo board for MPR031					25.00		
841-KITMPR03XEVMM	KITMPR03XEVMM	Evaluation Kit for MPR03X series					99.00		
841-TSSEVB	TSSEVB	Touch Sensing Software Evaluation Board					99.99		
841-KITMPR121EVM	KITMPR121EVM	Sensor Toolbox MPR121 Evaluation Kit					99.00		

## SINGLE AND DUAL HIGH-SPEED CAN TRANSCEIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Channels	Data Rate (Mb/s)	Supply Voltage (Max.) (V)	Supply Current (mA)	Wake-Up Function	TXD Dominant Protection	Operating Temp. (°C)	Price Each		
										1	10	100
Single												
841-MC33901SEF	MC33901SEF	SOIC-8	1	2	5.5	40	No	Yes	-40 to 125	1.50	1.42	.996
841-MC33901WEF	MC33901WEF	SOIC-8	1	2	5.5	40	Yes	Yes	-40 to 125	1.50	1.42	.996
841-MC34901SEF	MC34901SEF	SOIC-8	1	2	5.5	40	No	No	-40 to 125	1.35	1.28	.90
841-MC34901WEF	MC34901WEF	SOIC-8	1	2	5.5	40	Yes	No	-40 to 125	1.35	1.28	.90
Dual												
841-MC34CM0902WEF	MC34CM0902WEF	SOIC-14	2	-	5	80	Yes	Yes	-40 to 85	1.97	1.86	1.31
Evaluation Board								Price Each				
841-KIT33901EFEVB	KIT33901EFEVB	MC33901 High Speed CAN Transceiver Evaluation Board					82.60					

## ANALOG AND MIXED SIGNAL DEVELOPMENT TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Description	Price Each
841-KITLEDCLK16EVBE	KITLEDCLK16EVBE	Evaluation KIT-16 Ch LED driver board (256 LEDs)	470.16
841-KIT33812EKEVBE	KIT33812EKEVBE	Multifunctional Ignition and Injector Driver Evaluation board	82.87
841-KIT33812ECUEVME	KIT33812ECUEVME	Small Engine Control Reference Design featuring the 33812 and the S12P	212.51