

# SILICON LABS Interface ICs, Current Sensors, Drivers and POE



RoHS Compliant This product is RoHS compliant.

NEW PRODUCT

For quantities greater than listed, call for quote.

## ISOLATED AC MAINS MONITOR

MOUSER STOCK NO.	Silicon Labs Part No.	Package	Serial Port	Isolation Rating	Number of Channels	Full Scale Current (A)	Price Each			
							1	25	100	1000
634-SI8900B-A01-GS	SI8900B-A01-GS	SOIC-16	UART	2.5Kv	3	13.3	2.94	2.44	2.62	2.16
634-SI8900D-A01-GS	SI8900D-A01-GS	SOIC-16	UART	5.0Kv	3	13.3	3.46	3.29	3.14	2.60
634-SI8901B-A01-GS	SI8901B-A01-GS	SOIC-16	PC/SMBUS	2.5Kv	3	13.3	3.59	3.42	3.27	2.70
634-SI8901D-A01-GS	SI8901D-A01-GS	SOIC-16	PC/SMBUS	5.0Kv	3	13.3	4.25	4.08	3.93	3.24
634-SI8902B-A01-GS	SI8902B-A01-GS	SOIC-16	SPI Port	2.5Kv	3	13.3	3.59	3.42	3.27	2.70
634-SI8902D-A01-GS	SI8902D-A01-GS	SOIC-16	SPI Port	5.0Kv	3	13.3	4.25	4.08	3.93	3.24

## Development Kit

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Description	Price Each
634-SI890XPWR-KIT	SI890XPWR-KIT	SI890x Power Development Kit	149.00

## AC CURRENT SENSORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Package	Full Scale Current (A)	Full Scale Error (% of Reading)	Isolation Rating	Output Mode	Price Each			
							1	25	100	1000
634-SI8501-C-IM	SI8501-C-IM	QFN-12	5	±5	1kV RMS	Single	1.08	1.01	.885	.826
634-SI8502-C-IM	SI8502-C-IM	QFN-12	10	±5	1kV RMS	Single	1.12	1.04	.918	.853
634-SI8503-C-IM	SI8503-C-IM	QFN-12	20	±5	1kV RMS	Single	1.17	1.09	.961	.893
634-SI8501-C-IS	SI8501-C-IS	SOIC-20	5	±5	5kV RMS	Single	1.49	1.39	1.20	1.13
634-SI8502-C-IS	SI8502-C-IS	SOIC-20	10	±5	5kV RMS	Single	1.54	1.44	1.25	1.17
634-SI8503-C-IS	SI8503-C-IS	SOIC-20	20	±5	5kV RMS	Single	1.61	1.50	1.31	1.22
634-SI8511-C-IM	SI8511-C-IM	QFN-12	5	±5	1kV RMS	Ping-Pong	1.17	1.09	.961	.893
634-SI8512-C-IM	SI8512-C-IM	QFN-12	10	±5	1kV RMS	Ping-Pong	1.22	1.14	1.00	.933
634-SI8511-C-IS	SI8511-C-IS	SOIC-20	5	±5	5kV RMS	Ping-Pong	1.61	1.50	1.31	1.22
634-SI8512-C-IS	SI8512-C-IS	SOIC-20	10	±5	5kV RMS	Ping-Pong	1.68	1.57	1.37	1.28
634-SI8513-C-IS	SI8513-C-IS	SOIC-20	20	±5	5kV RMS	Ping-Pong	1.77	1.65	1.43	1.34
634-SI8517-C-IM	SI8517-C-IM	QFN-12	5	±5	1kV RMS	Ping-Pong	1.17	1.09	.961	.893
634-SI8518-C-IM	SI8518-C-IM	QFN-12	10	±5	1kV RMS	Ping-Pong	1.22	1.14	1.00	.933
634-SI8519-C-IM	SI8519-C-IM	QFN-12	20	±5	1kV RMS	Ping-Pong	1.29	1.21	1.04	.986
634-SI8517-C-IS	SI8517-C-IS	SOIC-20	5	±5	5kV RMS	Ping-Pong	1.61	1.50	1.31	1.22
634-SI8518-C-IS	SI8518-C-IS	SOIC-20	10	±5	5kV RMS	Ping-Pong	1.68	1.57	1.37	1.28
634-SI8519-C-IS	SI8519-C-IS	SOIC-20	20	±5	5kV RMS	Ping-Pong	1.77	1.65	1.43	1.34

## Current Sensor Evaluation Kit

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Description	Price Each
634-SI85XX-EVB	SI85XX-EVB	SI85xx Universal AC Current Sensor Evaluation Kit	19.95

## Target Board

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Description	Price Each
634-SI85XX20AQFN-EVB	SI85XX20AQFN-EVB	Unidirectional AC Current Sensor Target Board	19.95

## ISOPRO ISOLATED GATE DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Package	Input Type	Output Config	Peak Output Current (A)	Max. Prop. Delay (ns)	Isolation Rating		UVLO Voltage (V)	Overlap Protection & Dead Time Control	Driver Supply (V)	Price Each			
							Input-Output (kVrms)	Output-Output (Vdc)				1	25	100	1000
634-SI8220BB-A-IS	SI8220BB-A-IS	SOIC-8	Opto	Single	2.5	80	2.5	-----	8	No	6.5 to 24	1.82	1.70	1.49	1.38
634-SI8220CB-A-IS	SI8220CB-A-IS	SOIC-8	Opto	Single	2.5	80	2.5	-----	10	No	6.5 to 24	1.82	1.70	1.49	1.38
634-SI8220DB-A-IS	SI8220DB-A-IS	SOIC-8	Opto	Single	2.5	80	2.5	-----	12.5	No	6.5 to 24	1.82	1.70	1.49	1.38
634-SI8221CC-A-IS	SI8221CC-A-IS	SOIC-8	Opto	Single	0.5	80	3.75	-----	10	No	6.5 to 24	2.05	1.91	1.68	1.56
634-SI8221DC-A-IS	SI8221DC-A-IS	SOIC-8	Opto	Single	0.5	80	3.75	-----	12.5	No	6.5 to 24	2.05	1.91	1.68	1.56
634-SI8230BB-B-IS	SI8230BB-B-IS	WB SOIC-16	VIA, VIB	HS/LS	0.5	60	2.5	1500	8	Yes	6.5 to 24	1.98	1.85	1.62	1.50
634-SI8230BB-B-IS1	SI8230BB-B-IS1	NB SOIC-16	VIA, VIB	HS/LS	0.5	60	2.5	1500	8	Yes	6.5 to 24	2.07	1.93	1.69	1.57
634-SI8231BB-B-IS	SI8231BB-B-IS	WB SOIC-16	PWM	HS/LS	0.5	60	2.5	1500	8	Yes	6.5 to 24	1.98	1.85	1.62	1.50
634-SI8231BD-B-IS	SI8231BD-B-IS	WB SOIC-16	PWM	HS/LS	0.5	60	5.0	1500	8	Yes	6.5 to 24	2.61	2.44	2.14	1.98
634-SI8232BB-B-IS	SI8232BB-B-IS	WB SOIC-16	VIA, VIB	Dual Drvr	0.5	60	2.5	1500	8	No	6.5 to 24	1.98	1.85	1.62	1.50
634-SI8232BB-B-IS1	SI8232BB-B-IS1	NB SOIC-16	VIA, VIB	Dual Drvr	0.5	60	2.5	1500	8	No	6.5 to 24	2.07	1.93	1.69	1.57
634-SI8232BD-B-IS	SI8232BD-B-IS	WB SOIC-16	VIA, VIB	Dual Drvr	0.5	60	5.0	1500	8	No	6.5 to 24	2.61	2.44	2.14	1.98
634-SI8233BB-C-IM	SI8233BB-C-IM	LG A-14	VIA, VIB	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.87	2.68	2.36	2.18
634-SI8233BB-C-IS	SI8233BB-C-IS	WB SOIC-16	VIA, VIB	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.68	2.50	2.20	2.04
634-SI8233BB-C-IS1	SI8233BB-C-IS1	NB SOIC-16	VIA, VIB	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.77	2.59	2.27	2.10
634-SI8233BD-C-IS	SI8233BD-C-IS	WB SOIC-16	VIA, VIB	HS/LS	4.0	60	5.0	1500	8	Yes	6.5 to 24	3.54	3.31	2.90	2.69
634-SI8234BB-C-IM	SI8234BB-C-IM	LG A-14	PWM	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.87	2.68	2.36	2.18
634-SI8234BB-C-IS	SI8234BB-C-IS	WB SOIC-16	PWM	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.68	2.50	2.20	2.04
634-SI8234BB-C-IS1	SI8234BB-C-IS1	NB SOIC-16	PWM	HS/LS	4.0	60	2.5	9000	8	Yes	6.5 to 24	2.77	2.59	2.27	2.10
634-SI8234BD-C-IS	SI8234BD-C-IS	WB SOIC-16	VIA, VIB	HS/LS	0.5	60	5.0	1500	8	Yes	6.5 to 24	3.54	3.31	2.90	2.69
634-SI8235BB-C-IS	SI8235BB-C-IS	WB SOIC-16	VIA, VIB	Dual Drvr	4.0	60	2.5	1500	8	No	6.5 to 24	2.68	2.50	2.20	2.04
634-SI8235BB-C-IS1	SI8235BB-C-IS1	NB SOIC-16	VIA, VIB	Dual Drvr	4.0	60	2.5	1500	8	No	6.5 to 24	2.77	2.59	2.27	2.10
634-SI8235BD-C-IS	SI8235BD-C-IS	WB SOIC-16	VIA, VIB	Dual Drvr	4.0	60	5.0	1500	8	No	6.5 to 24	3.54	3.31	2.90	2.69

## Evaluation Kit

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Description	Price Each
634-SI82XX-KIT	SI82XX-KIT	Evaluation kit provides a platform for evaluating several different isolated gate driver products.	49.00

## POWER OVER ETHERNET (POE) POWERED/SOURCING DEVICES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Silicon Labs Part No.	Package	Description	Current Limit (mA) (Min/Max)	Max. Output Power (W)	Operating Temp. (°C)	Price Each			
							1	25	100	1000
SI3460/SI3500 PoE PSE										
634-SI3402-A-GM	SI3402-A-GM	QFN-20	Integrated 802.3-compliant PoE PD Interface & Low-emi Switching Regulator	470/---	17	-40 to +85	3.10	2.39	1.69	1.33
634-SI3460-E03-GM	SI3460-E03-GM	QFN-11	Single Port PSE with DC-DC Controller	400/450	15.4	-40 to +85	4.53	4.40	4.32	1.33
634-SI3500-A-GM	SI3500-A-GM	QFN-20	High Voltage DC-DC Controller (-42 to -57V input range)	400/---	17	-40 to +85	3.00	2.29	1.59	1.19