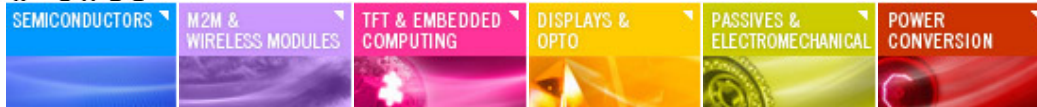


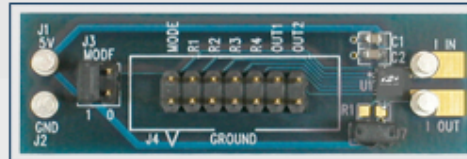
Product Matrix								
Part Number	Full Scale Current (A)	Initial Accuracy %	Temp Range	Output Mode	Isolation Rating	Pin 7 Function		Package
SI8501-C-IM	5	5%	-40 to 125 °C	Single	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8501-C-IS	5	5%	-40 to 125 °C	Single	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8502-C-IM	10	5%	-40 to 125 °C	Single	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8502-C-IS	10	5%	-40 to 125 °C	Single	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8503-C-IM	20	5%	-40 to 125 °C	Single	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8503-C-IS	20	5%	-40 to 125 °C	Single	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8511-C-IM	5	5%	-40 to 125 °C	Ping-Pong	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8511-C-IS	5	5%	-40 to 125 °C	Ping-Pong	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8512-C-IM	10	5%	-40 to 125 °C	Ping-Pong	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8512-C-IS	10	5%	-40 to 125 °C	Ping-Pong	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8513-C-IM	20	5%	-40 to 125 °C	Ping-Pong	1 kV rms	Integrator	Reset Programming Time Input	12-pin QFN
SI8513-C-IS	20	5%	-40 to 125 °C	Ping-Pong	5 kV rms	Integrator	Reset Programming Time Input	20-pin SOIC
SI8517-C-IM	5	5%	-40 to 125 °C	Ping-Pong	1 kV rms		FAULT Output	12-pin QFN
SI8517-C-IS	5	5%	-40 to 125 °C	Ping-Pong	1 kV rms		FAULT Output	20-pin SOIC
SI8518-C-IM	10	5%	-40 to 125 °C	Ping-Pong	1 kV rms		FAULT Output	12-pin QFN
SI8518-C-IS	10	5%	-40 to 125 °C	Ping-Pong	5 kV rms		FAULT Output	20-pin SOIC
SI8519-C-IM	20	5%	-40 to 125 °C	Ping-Pong	1 kV rms		FAULT Output	12-pin QFN
SI8519-C-IS	20	5%	-40 to 125 °C	Ping-Pong	5 kV rms		FAULT Output	20-pin SOIC



Si85xx Universal AC Current Sensor Evaluation Kit

Si85xx-EVB

The Si85xx Evaluation Board demonstrates the Si8512 [ac current sensor](#). The kit, available for \$19.95, includes an assembled and tested evaluation board and documentation.



Hardware Overview

The Si85xx Target Board provides a means to evaluate the ac current sensor in an existing application. It is meant to be soldered directly into the users existing power supply. The board comes with the Si8512 installed and provides a 10 Amp full scale input sense range and a 2.0 V full scale output voltage. For more details on the Si8512, refer to the Si85xx Data Sheet.

The Si85xx Unidirectional AC Current Sensor Development Kit contains the following:

- 10 amp Si8512-based evaluation board
- Si85xx Unidirectional AC Current Sensor Target Board User's Guide