

CamSemi Mission

to help our customers rapidly deliver best-in-class, cost efficient and intelligent power conversion solutions.



David Baillie, CEO

Overview

CamSemi is a fabless semiconductor company that designs, develops and supplies power management ICs for optimised energy-efficient off-line (AC:DC) power conversion.

The company's sophisticated solutions and approach are helping many leading global electronics brands to meet the most demanding energy-efficiency regulations for power supplies – including Energy Star 2.0 and the latest 5 star-rating scheme for cellphone chargers - while reducing their design timescales and system costs.

All CamSemi high-performance ICs are based on extremely cost-effective proprietary technologies for a greener, cleaner and more sustainable world.

Our approaches can benefit multiple markets, although initially we are working with power supply and lighting manufacturers: two sectors under the greatest commercial pressure to introduce more energy-efficient products and fast.

Fast facts

Headquarters:	Cambridge, UK
Sales offices & application design centres:	Shenzhen, China Taipei, Taiwan Seoul, South Korea
Founded:	2002 with A round funding
Key markets:	Offline power supplies – embedded/external for high volume consumer markets. Lighting.
Core technologies:	RDFC topology Mixed signal control PowerBrane®
Products:	C2470 RDFC controllers C2160 PSS controllers C3120 LED driver ICs
Web:	www.camsemi.com

Technologies and products

CamSemi's powerful portfolio of patented, proprietary technologies includes:

Resonant Discontinuous Forward Converter (RDFC) topology – delivering SMPS performance with uniquely low EMI. Ideal for audio, wireless access points and other sensitive applications.

Primary Side Sensing (PSS) techniques – offering exceptional current and voltage regulation.

PowerBrane® - allowing high performance, low cost LIGBTs and other devices to be integrated with control circuitry onto the same die.

All products are designed for maximum cost-efficiency: in other words delivering optimum performance, coupled with added features, but with solutions that are simpler, have fewer components and at lower costs than competitive approaches.



Figure 1: CamSemi's C2160 controller family is a world first in delivering 5 star-rated chargers without affecting any other performance specification.

Corporate values

CamSemi is fully committed to being:

- **customer driven,**
- **a trusted partner,**
- **and a solution provider.**

But these are not just things we talk about. The values are embedded into our products and our approach, with every employee focused on ensuring we always deliver on our promises.

Quality standards

CamSemi is committed to ensuring:

“all employees work with customers and suppliers to continuously seek to provide advanced power IC solutions that meet best-in-class technical, business and quality standards.”

The company is certified to:

- **ISO9001:2000** standard and is regularly praised for running an exemplary quality management system.
- **ISO14001** for its environmental policies. All major suppliers are also required to have ISO14001 certification.

Strong financial backing

CamSemi is a private company backed by an exceptionally strong group of international investors including DFJ Esprit, NES Partners, Scottish Equity Partners and Carbon Trust.

The company operates a fabless business model and partners with industry-leading foundries, assembly and test, packaging and other suppliers.

Management team

David Baillie, CEO
Professor Gehan Amaratunga, CTO and founder
Professor Florin Udrea, fellow and founder
Martin Stephenson, CFO
John Miller, VP Sales
Nigel Heather, VP Engineering
Mark Muegge, VP Marketing

Awards

CamSemi technology and products are regularly recognised through multiple industry awards.



2009 awards include:

- Carbon Trust Innovation Award
- Rosenblatt: New Energy 'University Spin-out of the Year'
- Global Cleantech 100
- C2160 PSS controllers highly commended in BEE 'new product of the year' category

2008 NMI 'Start-up of the Year'

2007 finalist for C2470 RDFC controllers and topology in EDN 18th Annual Innovation awards.

More information?

Please email sales.enquiries@camsemi.com and we will forward your enquiry to the right contact.

Contact Information

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