

Power Integrations Extends its Distributor Franchise with Unique Memec

Power Integrations (NASDAQ: POWI), announced today that it has expanded its distributor network in Germany, Austria, and Eastern Europe through Unique Memec, with whom the company already has a successful relationship in Northern and Southern Europe. "I am excited about the addition of Unique Memec to meet the needs of our customers in Central Europe," said Ben Sutherland, Managing Director of Power Integrations Europe, Ltd. "Unique Memec has made a

significant investment in switching power supply application engineers and in equipping application labs over the last 18 months. Our ongoing strategy is to train the Unique Memec field application engineers so they are capable of assisting our customers to design power supplies in their local language." "We have been successful selling solutions using the Power Integrations products and are looking forward to extending our coverage to Germany, Austria and Eastern Europe.

We will offer the same high level of design-led expertise that our dedicated team of power FAEs around Europe already provides to our power supplier customers," said Jon Ellis, European Marketing Director at Unique Memec.

www.powerint.com

www.memec.com

German Chapter Visits SEW-EURODRIVE

IEEE Joint IAS/PELS/IES German Chapter had kindly been invited by SEW-EURODRIVE to hold a chapter meeting in the private company's headquarter at Bruchsal in Germany, which took place 4.-5. March 2004. After a warm welcome by owner and general manager Rainer Blicke, several technical presentations and a well organised tour through electronic and mechanical assembly lines permitted the 80 participants an impressive insight into technology, production and application specific final assembly of the company's proprietary Eurodrives, which are decentralised drives for various applications in industry and transportation. The technical program was complemented by a scientific lecture of Prof. Dr. Budig about direct drives. As an additional social program SEW generously invited the participants to taste local food and wine from amiable south-western

German region Baden in a wine cellar. Many discussions between researchers from industry and universities during the evening have shown that the subject briefly addressed from the panel, how to develop the proven German engineering education in the European context with respect to internationalisation, actually attracts considerable attention. Presentation of structure and research themes of Nürnberg based Engineering Center for Power Electronics—ECPE—built relationship and further networking opportunities with this newly founded organisation. The topic IEEE business has been used as platform to review the three chapter meetings of 2003, assigning awards for outstanding contributions. Picture: Recipients of chapter awards Dr. Miller (Infineon AG, left), Prof. Dr. ir. R. W. de Doncker (RWTH Aachen, with induction



motor trophy), Dr. H. Mittlehner (SiCED GmbH), Dr.-Ing. T. Tolle (Philips Research) and Award Chairman Prof. Dr.-Ing. H. Späth (University of Karlsruhe, right) More details can be found at: www.ewh.ieee.org/r8/germany/ias-pels

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Philips and IMEC sign Agreement



Philips Electronics and IMEC signed an agreement that extends Philips' access to IMEC's advanced research facilities and expertise until the end of 2008. This new agreement, which closely follows Philips' decision last year to become a core partner in IMEC's sub-45nm CMOS research program. For leading consumer electronics companies like Philips, having access to state-of-the-art semiconductor technology is the key to delivering ever-richer experiences to consumers in areas such as multimedia entertainment and communications. However, in

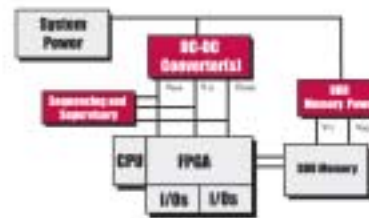
addition to the baseline CMOS processes used to produce the powerful digital chips at the heart of these applications, companies also need special semiconductor processes to produce chips that can handle associated tasks such as wireless communications, power amplification and display driving. Philips' commitment to differentiating itself in the marketplace by providing total system solutions rather than component parts means that development of these special semiconductor processes is as important to the company as having state-of-the-art CMOS. Philips now works with IMEC on three levels —(i) as a core partner in IMEC's sub 45-nm CMOS research program and in JRP with IMEC on a 45 nm CMOS Research Program (in preparation for continued semiconductor

process development within the Philips/Motorola/STMicroelectronics Crolles2 Alliance); (ii) as an individual partner with IMEC in the development of Philips-specific special process technologies; and (iii) as a valued contributor to discussions over the future direction of semiconductor research at IMEC.

Further information on IMEC can be found on: www.imec.be. News from Philips is located at: www.semiconductors.philips.com

www.imec.be

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Small, Pre-set Output DC-DC Converter

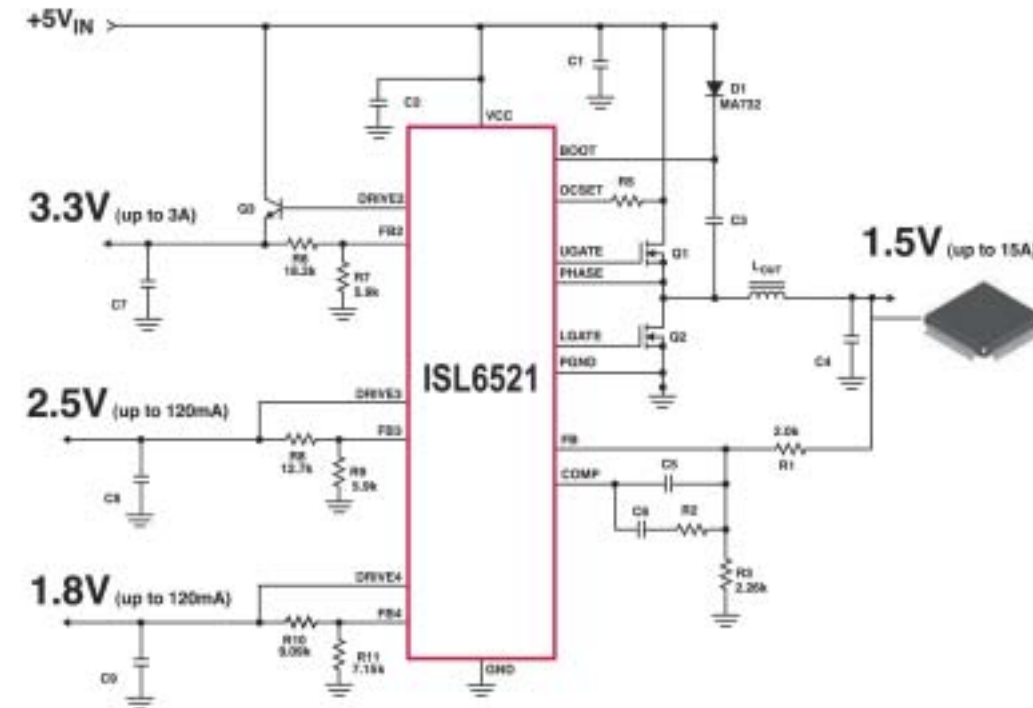
Intersil's ISL6410 and ISL6410A switchers generate 0.5A and pin-selectable output voltages of 3.3V, 1.8V, 1.5V or 1.2V. www.intersil.com/ISL6410

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Intersil Power Management Solutions

Each technology generation seems to create a new low voltage requirement: 2.5V, 1.8V, 1.5V, 1.25V, 1.2V, 0.9V and on it goes. Intersil offers a broad portfolio of power management ICs to easily generate the voltages you need.



Device	Regulators PWMs	Regulators Linears	Vin	Package/Pin	# of Output Voltages
ISL6521	1	3	5V	SOIC-16	4
HIP6021	1	3	5V, 12V	SOIC-28	
HIP6019B	2	2	5V, 12V	SOIC-28	
ISL6537 (new)	2	2 + Ref	5V, 12V	QFN-28	
ISL6532A	1	2	5V, 12V	QFN-28	3
ISL6402/A (new)	2	1	4.5V to 24V	TSSOP-28, QFN-28	
ISL6539 (new)	2	0	5V to 15V	SSOP-28	2
ISL6227 (new)	2	0	4.5V to 24V	SSOP-28	
ISL6444	2	Ref	5V to 24V	SSOP-28	
ISL6530/1	2	Ref	5V	SOIC-24, QFN-32	
ISL6528	1	1	3.3V, 5V	SOIC-8	
ISL6529	1	1	3.3V to 5V, 12V	SOIC-14, QFN-16	

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