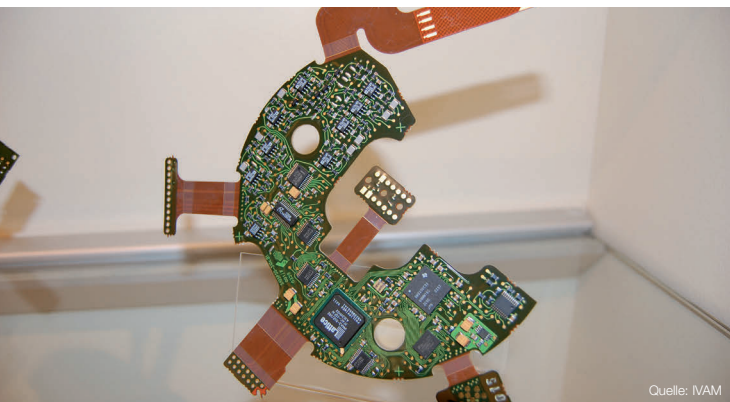


COMPAMED



COMPAMED/MEDICA

November 16<sup>th</sup> to 18<sup>th</sup>, 2011  
Hall 8a, Booth F19, F29, F34, G19, H19, H23, H29



## EXHIBITOR CATALOG 2011

Product Market  
High-tech for Medical Devices

Forum Program “High-tech for  
Medical Devices”

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## Product Market High-tech for Medical Devices

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## **Product Market High-tech for Medical Devices Micro, Nano & Material Technology**

Dear Visitor,

During the last years micro and nanotechnology becomes a very important part of the medical technology. Innovations in micro and nanotechnology enable the constant improvement of medical devices which results in fewer costs and enhances methods of treatment and patient care.

With about 300 companies and institutes from about 20 countries IVAM is a constantly growing network in the field of microtechnology, nanotechnology and advanced materials. To bring suppliers and users of high-tech together and to connect innovative companies and institutes from all over the world is one of the major activities of IVAM.

In addition to that IVAM's main goal is to fully satisfy its exhibitors and guests while it offers best networking opportunities to its exhibitors and guests to ensure that they are continuously well informed and able to experience the benefits of the COMPAMED.

During this year's COMPAMED IVAM will be very pleased to support about 40 companies and institutes located at the IVAM Product Market "High-tech for Medical Devices".

The following pages of the IVAM exhibitor catalog provide you with an overview of the international companies from Germany, UK, Switzerland, Austria, Greece and the USA which will be exhibiting at this year's IVAM Product Market within the COMPAMED.

Be sure to take the advantage of the corresponding Forum "High-tech for Medical Devices" which enables you to gain exclusive insights into the innovative world of micro and nanotechnology and to be better informed about current advances in the medical technology.

The Product Market is placed in hall 8a (F19, F29, F34, G19, H19, H23, H29) and IVAM will be located near the Business Lounge F29 and will be pleased to be of assistance if you should have any further questions.

## **Always up to date**

[www.ivam.com](http://www.ivam.com) / [www.neuematerialien.de](http://www.neuematerialien.de)

The latest news pertaining to our co-exhibitors and other events related to the COMPAMED can be accessed on our websites at [www.ivam.com](http://www.ivam.com) or [www.neuematerialien.de](http://www.neuematerialien.de).

## **IVAM Directory Online**

Find your appropriate technology supplier in your vicinity or other regions through the IVAM Directory Online. It is accessible through [www.ivam.com](http://www.ivam.com).

## **IVAM Research**

Surveys on topics including high-tech clusters, entrepreneurship, labour organization and technology are conducted by the economic research division of IVAM can be accessed at [www.ivam-research.com](http://www.ivam-research.com).

We are convinced that this exhibition will supply the resources for you to make many valuable connections and will give you an opportunity to get information about upcoming innovations in the medical field.

We are looking forward to meeting you at COMPAMED!

Your IVAM Team

IVAM Microtechnology Network  
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GERMANY

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Hall 8a

G19.2

F19.1

H29.2

H19.1

Product Market High-tech for Medical Devices



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H19.3

H23.7



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arkath@cismst.de

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H23.1

G19.5



**Bartels Mikrotechnik GmbH**  
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F19.3

H19.4



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H23.4

H23.5

## Exhibitors of the IVAM Joint Pavilion



**FISBA OPTIK AG**  
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**G19.4** Fraunhofer-Institut für Laser  
Technologie ILT  
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- Micro/Nano Atlas of Europe
- Surveys on Nanotechnology, Startups



**H29.3** Micreon GmbH  
Hannover, DE **F29.3**

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Hall 8a

Product Market High-tech for Medical Devices



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Materialforschung IFAM**  
Bremen, DE  
Contact:  
Dipl.-Ing. Vera Friederici

Tel.: +49 421 2246 196  
Fax: +49 421 2246 300  
www.ifam.fraunhofer.de  
vera.friederici@ifam.fraunhofer.de

- Micro injection moulding
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**G19.6** HSG-IMIT  
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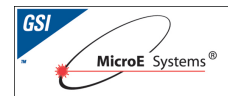


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Philip Tipler

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ptipler@microsystems.uk.com

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**H19.5** NanoFocus AG  
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COMPAMED



## Forum High-tech for Medical Devices

H 29

H29/1 Systelec	H29/5 PI Ceramic
H29/2 CDA Datenträger Albrechts	H29/6 R. Stangle Innovations & VOCScan
H29/3 IVAM Microtechnology Network	Storage H29
H29/4 Special Coating Systems	H29/7 RKT

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Storage H23	H23/5 Elektroform
H23/2	H23/6
H23/3 NanoFocus	H23/7 Aceos

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Storage H19	H19/5 Micromotion
H19/2	H19/6 Sensirion - the sensor company
H19/3 Alcon	

F 29

<p><b>Business Lounge</b></p>		
F29/1 Theon	F29/2 HSG-IMIT	F29/3 Micron

G 19

G19/1 IMT Masken und Teilungen AG	G19/2 2E mechatronics	G19/3 ROFIN-BAASEL Lasertech
G19/4 Fisba Optik	Storage G19	G19/5 CIS
		G19/6 Fraunhofer IFAM

F 19

F19/1 3D-Micromac	F19/2 MicroE Systems	F19/3 Carl ZEISS
F19/4 Micro Systems UK & Wittmann Battenfeld	Storage F19	F19/5 Fraunhofer ILT

F 34

Storage F34	F34 Siemens Enterprise Communication Manufacturing
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H29.5

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H23.1

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F34

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G19.3

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H29.1

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F29.1

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H29.6



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H19.6

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H29.6



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F19.4

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**Hallen/Halls 4, 5**

**Physiotherapie/Orthopädiertechnik**  
Physiotherapy/orthopaedic equipment

**Hallen/Halls 5, 6, 7.0, 7.1, 7a**

**Bedarfs- und Verbrauchsartikel, Textilien**  
Disposables, commodities and consumer goods, textiles

**Hallen/Halls 8a, 8b**

**COMPAMED**  
High tech solutions for medical technology

**Hallen/Halls 9 – 14**

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Hospital equipment, communication systems

**Halle/Hall 15**

**Informations- und Kommunikationstechnik**  
Information and communications technology

**Hallen/Halls 16, 17**

**Nationale und internationale Gemeinschaftsstände,  
Elektromedizin, Medizintechnik**  
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Eingang  
Nord/Mall



Halle/Hall 3



Halle/Hall 4



Halle/Hall 6



Halle/Hall 8a



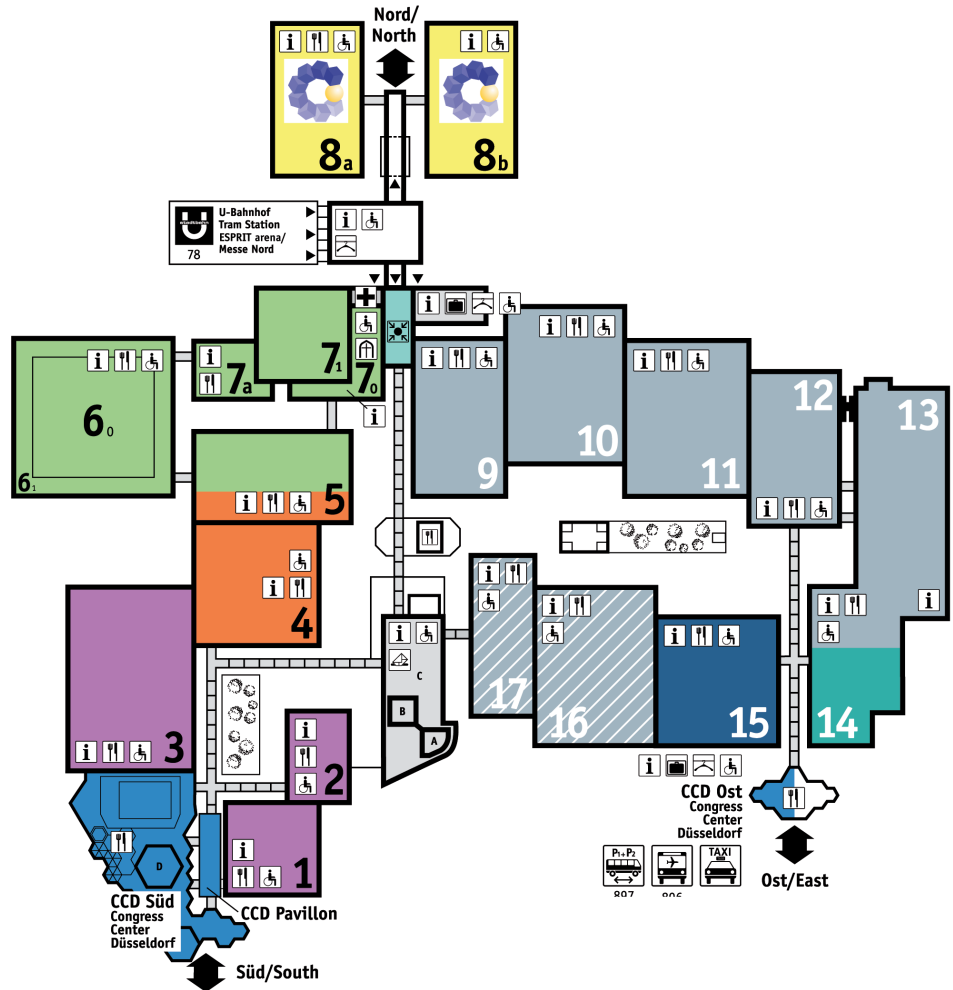
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Halle/Hall 11



Halle/Hall 15

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16. -18. November 2011

10:00 - 18:30 h

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<b>Wednesday, November 16</b> 1:05 p.m. - 3:30 p.m.		
<b>1:05 p.m.</b>	<b>Session Chair: Dr. Uwe Schnakenberg, RWTH Aachen, Aachen, DE</b>	<b>Presenter</b>
	<b>Opening</b>	Heinz-Peter Hippler, IVAM Microtechnology Network, Dortmund, DE
1:10-1:30 p.m.	Anti-infective Surfaces for Medical Devices	Edgar Eichholz, BASF - The Chemical Company, Basel, CH
1:30-1:50 p.m.	Laser Micro Welding of Polymers	Björn John, 3D-Micromac AG, Chemnitz, DE
1:50-2:10 p.m.	Active Microfluidics in Medical Applications	Severin Dahms, Bartels Mikrotechnik GmbH, Dortmund, DE
2:10-2:30 p.m.	High Performance Polymeric Coatings	Lonny Wolgemuth, Specialty Coating Systems, Indianapolis/Indiana, USA
2:30-2:50 p.m.	Piezo Engines in Medical Applications	Gernot Hamann, Physik Instrumente GmbH & Co.KG, Karlsruhe, DE
2:50-3:10 p.m.	Optical 3D Micro Coordinate Measurement for Quality Assurance of Micro Components in Medical Technology and Pharmaceutical Industry	Daniel Soares, Alicona Imaging GmbH, Grambach/Graz, AT
<b>3:10-3:30 p.m.</b>	<b>Break</b>	
<b>Wednesday, November 16</b> 3:30 p.m. - 6:00 p.m.		
<b>3:30-4:00 p.m.</b>	<b>Session Chair: Martin Weinzierl, IVAM Research, Dortmund, DE</b>	
	Enabling Industrialized Smart Consumables in Life Sciences and Diagnostics	Philip Perry, Sony DADC Austria AG, Anif, AT
4:00-4:20 p.m.	Sensing the Unseen: How to build non-invasive Diagnostic in COPD	Dr. Roland Stangl, Roland Stangl Innovations, Moosburg, DE
4:20-4:40 p.m.	Powder Processing of Polymer Ceramic Composites for Bone Scaffolds	Dr. rer. nat. Sebastian Boris Hein, Fraunhofer IFAM, Bremen, DE
4:40-5:00 p.m.	Hemocompatibility Testing for Medical Devices	Prof. Dr. Med Ulrich Theo Seyfert, Institute Blutforschung GmbH, Saarbrücken partnered with BSL BIOSERVICE, Munich, DE
5:00-5:20 p.m.	Modularity in the Design and Production of Complex Microfluidic Devices	Dr. Leanna M. Levine, ALine, Inc., Rancho Dominguez/California, US
5:20-5:40 p.m.	Customized Photonic Systems for Life Science Applications	Jan Fehse, Fispa Optik AG, St.Gallen, CH
<b>Thursday, November 17</b> 11:00 a.m. - 1:20 p.m.		
<b>11:00-11:30 a.m.</b>	<b>Session Chair: Dr. Ulrike Michelsen, Bartels Mikrotechnik GmbH, Dortmund, DE</b>	
	Plasticizers: Regulatory Challenges regarding Medical Devices	Frau Dr. Silke Germer, BASF SE, Ludwigshafen, DE
11:30-11:50 a.m.	A Microsystem for Intraoral Delivery of a Levodopa Derivative in Parkinson Therapy	Sven Spieth, Institut für Mikro- und Informationstechnik der Hahn-Schickard-Gesellschaft e.V. (HSG-IMIT), Villingen-Schwenningen, DE
11:50-12:10 p.m.	Zorflex Activated Carbon Cloth as a Platform Technology in Combination with Superabsorbents and Adhesive Dressings	Jack Taylor, Chemviron Carbon Cloth Division, Houghton le Spring, Tyne & Wear, GB
12:10-12:30 p.m.	High Resolution Non-Contact 3D Measurements of Engineered Medical Surfaces	David Matthews, NanoFocus AG, Oberhausen, DE
12:30-12:50 p.m.	MEMSENSE -Development of innovative Sensor Systems offering Distributed Intelligence	Dr. Emmanuel Zervakis, THEON Sensors, Athens, GR
<b>12:50-1:20 p.m.</b>	<b>Break</b>	
<b>Thursday, November 17</b> 1:20 p.m. - 3:30 p.m.		
<b>1:20-1:40 p.m.</b>	<b>Session Chair: Dr.-Ing. Philip Imgrund, Fraunhofer Institute for Manufacturing Technology and Advanced Materials , Bremen, DE</b>	
	Microfunctional Surfaces	Dr. Nicolaus Hettler, CDA Datenträger Albrechts GmbH, Suhl OT Albrechts, DE
1:40-2:00 p.m.	Automatic Surgical Suture Machine & Packaging	Thierry Beuchat, SYSMELEC SA, Gals, CH
2:00-2:20 p.m.	Laser Solutions for Medical Device Industry	Dr. Ronald Holtz, Lasag AG (a ROFIN company) / ROFIN-BAASEL Lasertech GmbH & Co. KG, Starnberg, DE
2:20-2:40 p.m.	Manufacturing of a Fertiloscopy Catheter including Several Special Processes	Florent Guyon, STATICE, Besancon, FR
2:40-3:00 p.m.	Networking for Success in the Medical Device Market	Martin Weinzierl, IVAM Research, Dortmund, DE

3:00-3:30 p.m.	<b>Break</b>	
<b>Thursday, November 17</b>		
3:30 p.m. - 5:30 p.m.	<b>Session Chair: Michael Mandel, Messe Duesseldorf Moskau, Moskau, RU</b>	
3:30-3:40 p.m.	<b>Opening Russia Session (Simultaneous Translation: German-Russian/Russian-German)</b>	Michael Mandel, Messe Duesseldorf Moskau, Moskau, RU
3:40-4:10 p.m.	Klinische Prüfungen von Medizinprodukten und Medizingeräten in Deutschland - rechtliche Aspekte	Dr. Volker Lücker, Kanzlei Lücker MP-Recht, Essen, DE
4:10-4:40 p.m.	Der Russische Markt für Medizinprodukte im Überblick - Status Quo und Perspektiven	Vertreter des Russischen Gemeinschaftsstandes zur MEDICA 2011
4:40-5:10 p.m.	Qualitätssicherung und Fehleranalyse an medizinischen Produkten	Dr. Olaf Günnewig, SGS Institut Fresenius GmbH, Dortmund, DE
5:10-5:30 p.m.	Schlusswort	Michael Mandel, Messe Duesseldorf Moskau, Moskau, RU
<b>Friday, November 18</b>		
10:30 a.m. - 1:40 p.m.	<b>Session Chair: Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE</b>	
10:30-10:50 a.m.	Microfluidic Tool Box – A Modular Approach towards Highly Integrated Microfluidic Devices	Dr. Holger Becker, microfluidic ChipShop GmbH, Jena, DE
10:50-11:10 a.m.	Microfluidic Tool Box – From Concept to Our Daily Lab	Dr. Claudia Gärtner, microfluidic ChipShop GmbH, Jena, DE
11:10-11:30 a.m.	New Developments in Liquid Handling and Laboratory Automation	Dr. Eckhard Nordhoff, M2-Automation, Berlin, DE
11:30-11:50 a.m.	Meningococcus Infection – Rapid in-Line Detection in Clinical Samples	Dr. Cornelia Carstens Laboratoriumsmedizin Elbracht, Naumburg, DE
11:50-12:10 p.m.	Integrated Sample Treatment and Electrochemical Detection for Coeliac Disease	Prof. Dr. Ciara O'Sullivan, University of Rovira i Virgili, Dept. of Chemical Engineering, Tarragona, ES
12:10-12:30 p.m.	Development of a CMOS-Based Nanosensor Platform Enabling PoC Diagnostics of Infectious Diseases (an ENIAC Project)	Dr. Romano Hoofmann, NXP Semiconductors, Leuven, BE
12:30-12:50 p.m.	Recombinant Antigens in Rapid Tests for Systemic Rheumatic Diseases	Dr. Richard Kneusel, Diarect AG, Freiburg, DE
12:50-1:10 p.m.	The DEPArray™ System: Enabling the Characterization of Circulating Tumor Cells to Bridge the Gap Between Prognosis and Personalized Therapy	Giuseppe Giorgini, Silicon Biosystems SpA, Bologna, IT
1:10-1:40 p.m.	Panel Discussion The Microfluidic Tool Box – How It Matures in Real Life	Dr. Claudia Gärtner, Dr. Eckhard Nordhoff, Dr. Cornelia Carstens, Prof. Dr. Ciara O'Sullivan, Dr. Romano Hoofmann, Dr. Richard Kneusel
1:40-1:50 p.m.	<b>Break</b>	
<b>Friday, November 18</b>		
1:50 p.m. - 4:00 p.m.	<b>Miniaturized electronics for medical products</b>	
	<b>Session Chairs: Harald Pötter / Erik Jung, Fraunhofer Institute for Reliability and Microintegration IZM, Berlin, DE Fraunhofer IZM</b>	
1:50-2:10 p.m.	Micro Systems Technology as a Key for State-of-the-art Diagnostics and Therapy	Harald Pötter/ Erik Jung, Fraunhofer Institute for Reliability and Microintegration IZM,, Berlin, DE
2:10-2:30 p.m.	Integrating Electronics in Ortheses and Prosthesis – offering better Functionality and Comfort	Michael Winkler, Orthopädie Technik Winkler, Bad Salzungen, DE
2:30-2:50 p.m.	Smaller, smarter and more reliable Implants by Integration of Electronics	Markus Riester, maris TechCon , Graz, AT
2:50-3:10 p.m.	Enhancing Medical Logistics by Micro Technology: The Digital Pen	Jürgen Busacker, AIBIS Informationssysteme GmbH, Hamburg, DE
3:10-3:30 p.m.	The Future of Electronics in Medical Products	Erik Jung, Fraunhofer Institute for Reliability and Microintegration IZM,, Berlin, DE
3:30-4:00 pm	Personal Discussions with the Referents, Accompanied by Snacks and Drinks	Presenters and Guests
4:00 p.m.	<b>End</b>	

**Fair Information** **Hall 8a, Booth F19, F29, F34, G19, H19, H23, H29**

Messegelände Düsseldorf/Düsseldorf Trade Fair Centre  
Messeplatz  
40474 Düsseldorf

North Entrance

**OPENING HOURS:**

November 16<sup>th</sup> to 18<sup>th</sup> from 10 a.m. to 6:30 p.m.

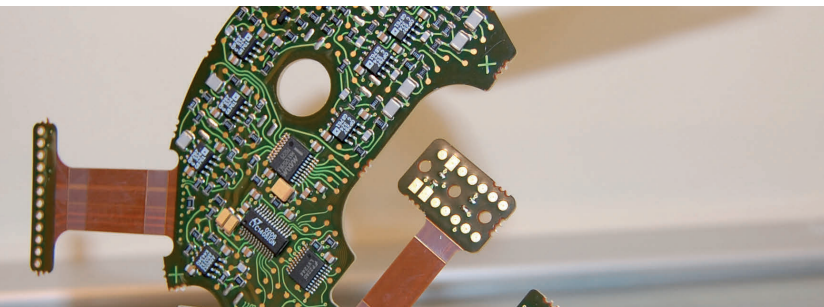
**FURTHER INFORMATION:**

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Quelle: IVAM