



SUPPLIER SELF-DISCLOSURE INFORMATION

The information in this document is exclusively for the purpose of information regarding Würth Elektronik ICS GmbH & Co. KG. Recipients are committed to use this information confidentially and only for the needs of the purchasing department and other relevant departments (e.g. R&D-department, Quality management etc.)

1. General Information

Company Würth Elektronik ICS GmbH & Co. KG
Intelligent Power & Control Systems

Address Würthstraße 1
74676 Niedernhall, Germany

Telephone: +49 7940 9810-0

Fax: +49 7940 9810-1099

Website: www.we-online.de/ics

E-Mail: ics@we-online.de

IBAN-Code: DE46 6207 0081 0026 7260 00

SWIFT-Code: DEUTDESS620

Deutsche Bank AG, Heilbronn
Theodor-Heuss-Straße 3
70174 Stuttgart

USt-ID-Nr: DE 814 860 401

DUNS: 312 525 634

Contact persons

Name	Position	E-Mail
Dr. Klaus Wittig	CEO	klaus.wittig@we-online.de
Karl-Heinz Groß	CEO	karl-heinz.gross@we-online.de
Marco Jauchstetter	Head of Sales	marco.jauchstetter@we-online.de
Oliver Hornburg	Head of Purchase	oliver.hornburg@we-online.de
Sebastian Franz	Head of Production	sebastian.franz@we-online.de
Sibylle Fritz	Quality Management Representative	sibylle.fritz@we-online.de
Uwe Burmeister	Head of Finance / Controlling	uwe.burmeister@we-online.de

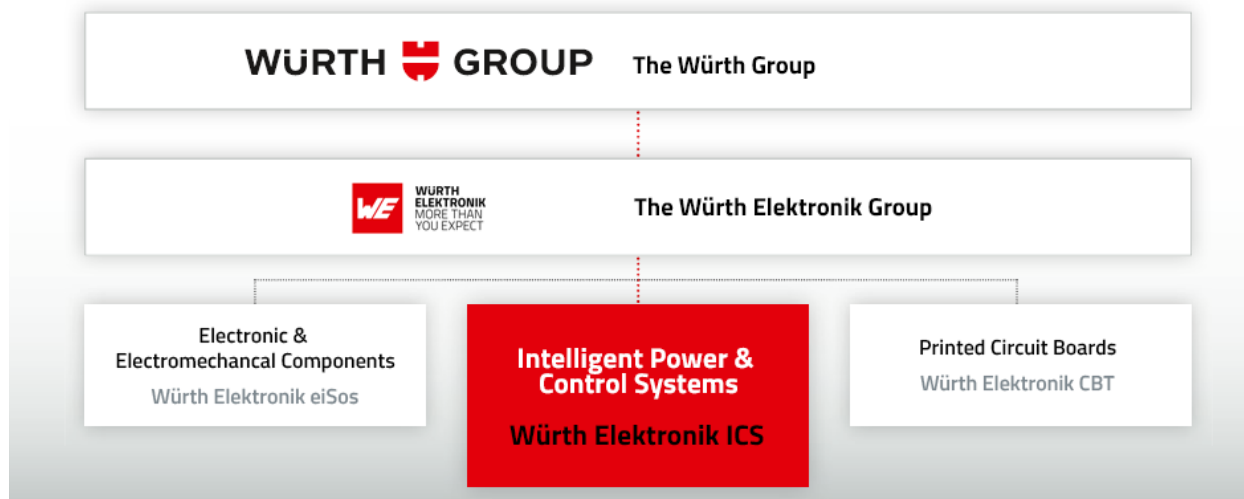


Agencies abroad

Company	Würth Elektronik France Intelligent Power & Control Systems
Address	15a Rue des Cerisiers 67117 Furdenheim France
E-Mail	ics-france@we-online.com
Company	Würth Electronics ICS, Inc. Intelligent Power & Control Systems
Address	1982 Byers Road 45342 Miamisburg, OH USA
E-Mail	cs@we-ics.com
Company	Würth Electronics UK Ltd. Intelligent Power & Control Systems
Address	21a Manchester One, 53 Portland Street Manchester M1 3LD United Kingdom
E-Mail	ics-uk@we-online.com
Company	Würth Electronics India Pvt. Ltd Intelligent Power & Control Systems
Address	Brigade Software Park, Block A 3rd Floor No. #42, 27th Cross, Banashankari 2nd Stage 560070 Bangalore, Karnataka India
E-Mail	ics.sales-india@we-online.com
Company	Würth Elektronik ICS Italia S.r.l. Intelligent Power & Control Systems
Address	Via Monte Fiorino 9 37057 San Giovanni Lupatoto, Verona Italy
E-Mail	ics-italy@we-online.com
PEC:	wuerth.elektronikicsitaliasrl@legalmail.it
P.IVA:	IT04855210235
CODICE UNIVOCO:	SUBM70N



2. Company structure



The Würth Group

Company Adolf Würth
Legal form GmbH & Co. KG
Address Reinhold-Würth-Straße 12 - 17
 74653 Künzelsau-Gaisbach
Website: www.wuerth.de

Year of foundation: 1945
Employees 2022: 85,600
Turnover 2022: € 19.93 billion
Operating profit 2022: € 1.57 million

The Würth Elektronik Group

Company Würth Elektronik
Legal forms GmbH & Co. KG
Address Salzstraße 21
 74676 Niedernhall
Website: www.we-online.de

Year of foundation: 1971
Employees 2022: 8,200
Turnover 2022: € 1.33 billion



The Würth Elektronik ICS Group

Year of foundation:	1984
Employees 2022:	530
Turnover 2022:	€ 118 million

3. Würth Elektronik ICS GmbH & Co. KG – Location Niedernhall – Industrial Park Waldzimmern

3.1. General Information

ICS site

Total area	11,000 m ²
Thereof	
Production area	5,200 m ²
Administration	2,500 m ²
Warehouse / Logistics	2,200 m ²
Research & Development	1,200 m ²

Insurances and guarantees

Combined limit for General and Product Liability
€ 20 million for any insured event
€ 20 million in the annual aggregate
Combined for bodily injury and property damage

Insured by: Zurich Insurance plc

Insurance period: 01.01.2023 – 01.01.2024

Membership in associations

German Electrical and Electronic Manufacturers' Association (ZVEI) (ZVEI)

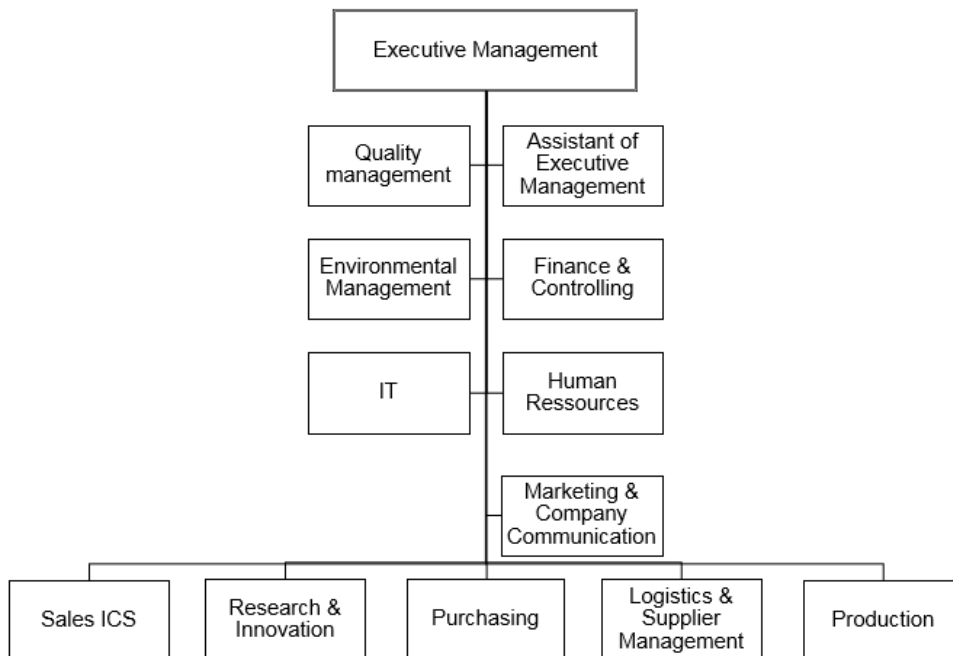
Trade Association for Design, Printed Circuit Board and Electronics Manufacturing e. V. (FED)

Ratings

S&P: A Outlook stable

Unchanged since 2003

3.2. Organisation Chart



3.3. Logistics

We have following logistic agreements with our renowned customers:

- Consignment and Security Storage

Infrastructure

- Nearest inland harbour: Heilbronn (43 km)
- Nearest seaport: Hamburg (600 km)
- Nearest airport: Stuttgart (102 km)

3.4. Quality and Production

Certification

IATF 16949 through TÜV Süd – valid until 2023-12-28

DIN EN ISO 9001:2015 through TÜV Süd – valid until 2023-12-28

DIN EN ISO 14001:2015 through TÜV Süd – valid until 2023-09-22

ISO/IEC 27001:2017 through TÜV International Certification (TIC) – valid until 2025-10-31

Auditing

System audits, process audits (according to VDA 6.3) and product audits (according to VDA 6.5)



Quality Management-Tools

Application of Automotive Core Tools

PPS-System: ABAS
CAQ-System: Babtec

Supplier selection and auditing process according to VDA 6.3 "Process Audit" and VDA 2 "Production Process and Product Release"

Production types

- High volume production
- Small and medium volume production

Technical Equipment

SMD - Pick and Place machine:	3
Press-fit machines:	3
Fuse assembly stations:	3
Hydraulic press:	1
Semiautomatic assembly stations:	20
Manual assembly stations:	20
Reflow soldering machine:	6 (1x Welle, 2x IR Reflow, 3x Selektivlötanlage, 1x Dampfphase)
Tester:	11 (ICT, Funktionstester, Nadelbetttester 1- und 2-seitig, 2x Flying Probe, Hochspannungstest)
Laser marking	1
Automatic optical inspection:	7
Depaneling system	1
Varnishing installation:	1
Selective varnishing installation:	1

Prototype technologies

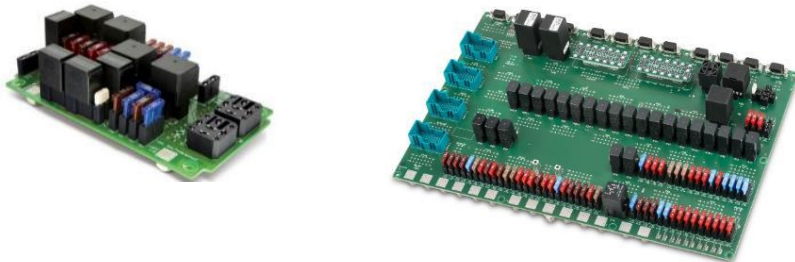
- Stereolithographics
- CNC-milling
- 3D printing

3.5. Core Competencies

- Technologies:** Solder- and lead-free, RoHS compliant assembly of printed circuit boards in press-fit technology, automatic soldering (SMD, THT, selectively, vapour phase: unleaded or leaded), coating of electronics, SKEDD – solderless direct plug technology
- Product development:** All from one source
Acquisition of development services, layout design, product design, assembly construction, box construction, PCB-qualification (e.g. thermo graphics, environmental qualifications acc. To ISO 6800x or ISO 16750)
- Engineering tools:** 3-D / Solidworks
Altium
PCB Investigator
- Product range:** Customised and standard (REDline) signal- and power distribution systems, control panels and foil key pads based on printed circuit boards, small PLC's in a shape of relays, CAN modules, intelligent logistics solutions, standard and customised plug connector systems in SKEDD Technology, High-voltage solutions, HMI solutions in the form of vehicle displays and symbol clusters

3.6. Products

Standard and customised Signal and Power Distribution Boards



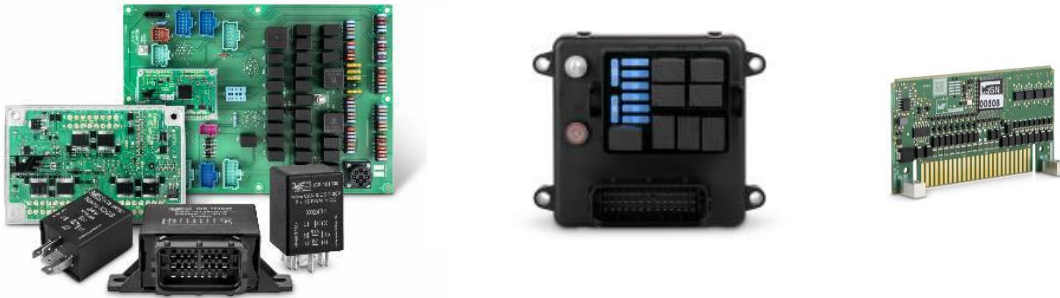
REDline Power Boxes



HMI Solutions



Controllers



High Voltage Solutions



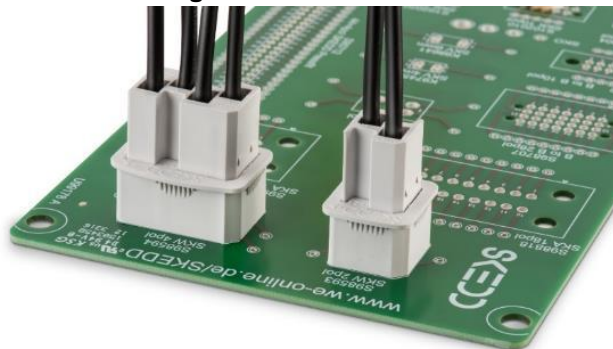
Powerelements



Lead-free Powerelements



SKEDD Connecting Solutions





3.7. Market Segments

- Automotive industry
- Commercial vehicles
- Agricultural machinery
- Construction machinery
- Special vehicles
- Floor-borne vehicles
- E-mobility / energy management
- Mechanical Engineering & Construction
- Measurement and control technology
- etc.

3.8. Reference customers

Customer	Market
Daimler	Trucks & Bus
Scania	Trucks & Bus
Solaris	Bus
AGCO	Agricultural Machinery
CLAAS	Agricultural Machinery
Holmer	Agricultural Machinery
Wirtgen Group	Construction Vehicles
Liebherr	Construction Vehicles
Bomag	Construction Vehicles
Dennis Eagle	Special vehicles (refuse collection vehicles)
Rosenbauer	Special vehicles (fire engines)
Bucher	Special vehicles (city cleaning)
Dyson	Household appliances
SMA	Solar Technology
Trumpf	Mechanical and plant engineering
Preh	E-mobility / energy management
Akasol	E-mobility / energy management
Husqvarna	Garden tools
Hatz Motorenfabrik	Drive technology (motors)
Aston Martin	Automotive
Hyster	Floor-borne vehicles



4. Änderungshistorie

Revisionsnummer	Datum	Autor	Beschreibung
1.0	07.10.2015	S. Herter	Insertion of the revision number
1.1	03.02.2015	S. Koberski	Insertion of the third CEO
1.2	16.02.2015	S. Koberski	Actualisation of the key figures
1.3	11.06.2015	S. Ocker	Actualisation of contact persons and layout
1.4	12.08.2015	S. Beck	Actualisation of the CEOs
1.5	13.08.2015	S. Ocker	Adding Power Elements
1.6	22.02.2016	S. Beck	Actualisation of the key figures
1.7	28.04.2016	S. Ocker	Actualisation of division name
1.8	15.03.2017	E. Stergioudi	Actualisation of the key figures
1.9	25.01.2018	N. Nawal	- Actualisation of the key figures - Actualisation of the certificates and machine data - Replacement of pictures
1.10	20.02.2019	K. Zaharov	- Actualisation of the key figures - Actualisation of the certificates and machine data - Replacement of pictures
1.11	12.03.2020	S. Fischer N. Nawal	- Actualisation of the certificates and machine data - Actualisation of reference customers - Actualisation of the key figures - Replacement of pictures - Actualisation of Engineering tools
1.12	10.02.2021	A. Seez S. Fischer	- Actualisation of foreign representation - Actualisation of certificates, audits and machines - Actualisation of reference customers - Replacement of pictures - Added products High Voltage Solutions and Lead-free Powerelements - Actualisation of key figures - Actualisation of Insurance
1.13	03.03.2021	S. Fischer	- Actualisation of key figures - Actualisation E-Mail Adress India



1.14	25.10.2021	S. Fischer	- Actualisation Headline „3.4. Qualität und Produktion“. English version not updated.
1.15	01.02.2022	S. Fischer	- Layout adjusted to the new Corporate Design - Actualization of reference customers - Actualization of key figures - Actualization Product names
1.16	26.07.2022	S. Fischer	- Replaced picture of the company structure - Actualization foreign representation – Italia added
1.17	26.04.2023	S. Fischer	- Actualization of key figures - Actualization of Insurance - Actualization of contact person production - Actualization of machine data - Actualization certificate DIN EN ISO/IEC 27001:2017 - Actualization customer segments and reference customers
1.18	20.06.2023	S. Fischer	- Actualization of UK address - Note "Preliminary figures" removed & key figures Würth Group adjusted