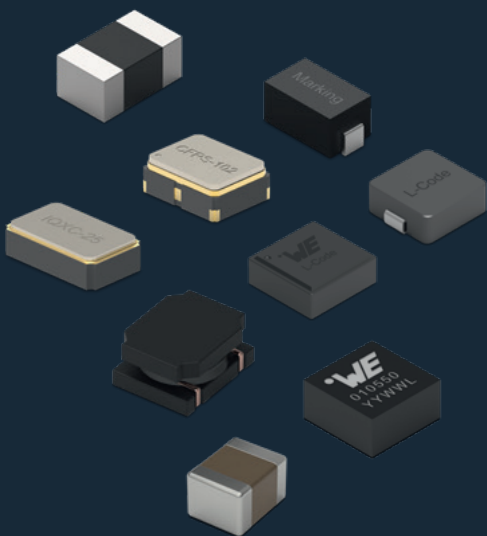


WÜRTH ELEKTRONIK MORE THAN YOU EXPECT



ELECTRONIC
COMPONENTS
FOR EMBEDDED
SYSTEMS



THE WÜRTH ELEKTRONIK eiSos GROUP



THE WÜRTH ELEKTRONIK GROUP

Employees: 7,900*
Sales: 1.24 Bn. Euro*
*2023

WÜRTH ELEKTRONIK eiSos GROUP



PRINTED CIRCUIT
BOARDS

INTELLIGENT
POWER AND
CONTROL SYSTEMS

Passive
Components



Power Modules &
Optoelectronics



Electromechanical
Components



Automotive &
eMobility



Wireless Connectivity &
Sensors



GLOBALLY AVAILABLE. LOCALLY PRESENT.



13
Warehouses



15
Quality & Design Centers



16
Production plants



50
Countries



SUPPORT THROUGHOUT THE WHOLE PRODUCT LIFE CYCLE: MORE THAN YOU EXPECT

DEVELOPMENT/PROTOTYPING

- Free Samples within 24 – 48h
- Online Platform **REDEXPERT**
- Technical Consulting
- Application Notes
- IC Reference Designs
- Seminars, Webinars, Inhouse seminars, Video-on-demands
- Design Kits with free refill
- Component Libraries
- Application Handbooks

PRE-PRODUCTION/RAMP UP

- No MOQ
- EMC test lab racks
- Technical Consulting onsite/online
- Re-Reeling
- BOM Support

MASS PRODUCTION

- Local support through our technical sales team in 50 countries
- All catalogue products available ex stock
- Logistic concepts

AFTER SALES SERVICE

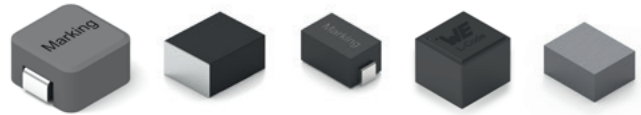
- Smart PCN
- Longtime availability of components



ELECTRONIC COMPONENTS FOR EMBEDDED SYSTEMS

Storage Inductors **1**

- Shielded, molded high current inductors
- High rated and saturation currents low RDC



SMD Ferrites **2**

- Perfect as data line filter and for uncoupling of distribution voltage
- Wide impedance range



Overvoltage Protections **3**

- SMD Varistors, TVS and Power TVS diodes
- Comply to VDE, CQC, CSA, UL



Capacitors **4**

- Aluminum Electrolytic Capacitors
- Aluminum Polymer Capacitors
- Aluminum Hybrid Polymer Capacitors
- Multilayer Ceramic Capacitors (0201-2220) NPO; X5R; X7R



Crystals & Oscillators **5**

- SMD hermetically sealed



Signal Line Common Mode Chokes **6**

- Core materials: Manganese Zinc (MnZn), Nickel Zinc (NiZn)
- Bifilar and sectional winding styles



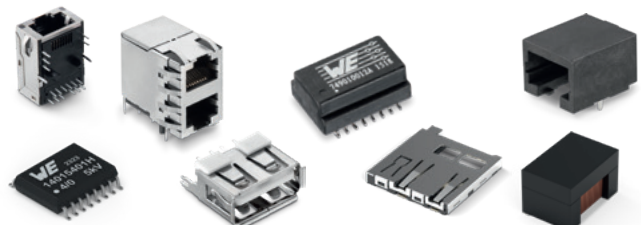
Filter Inductors **7**

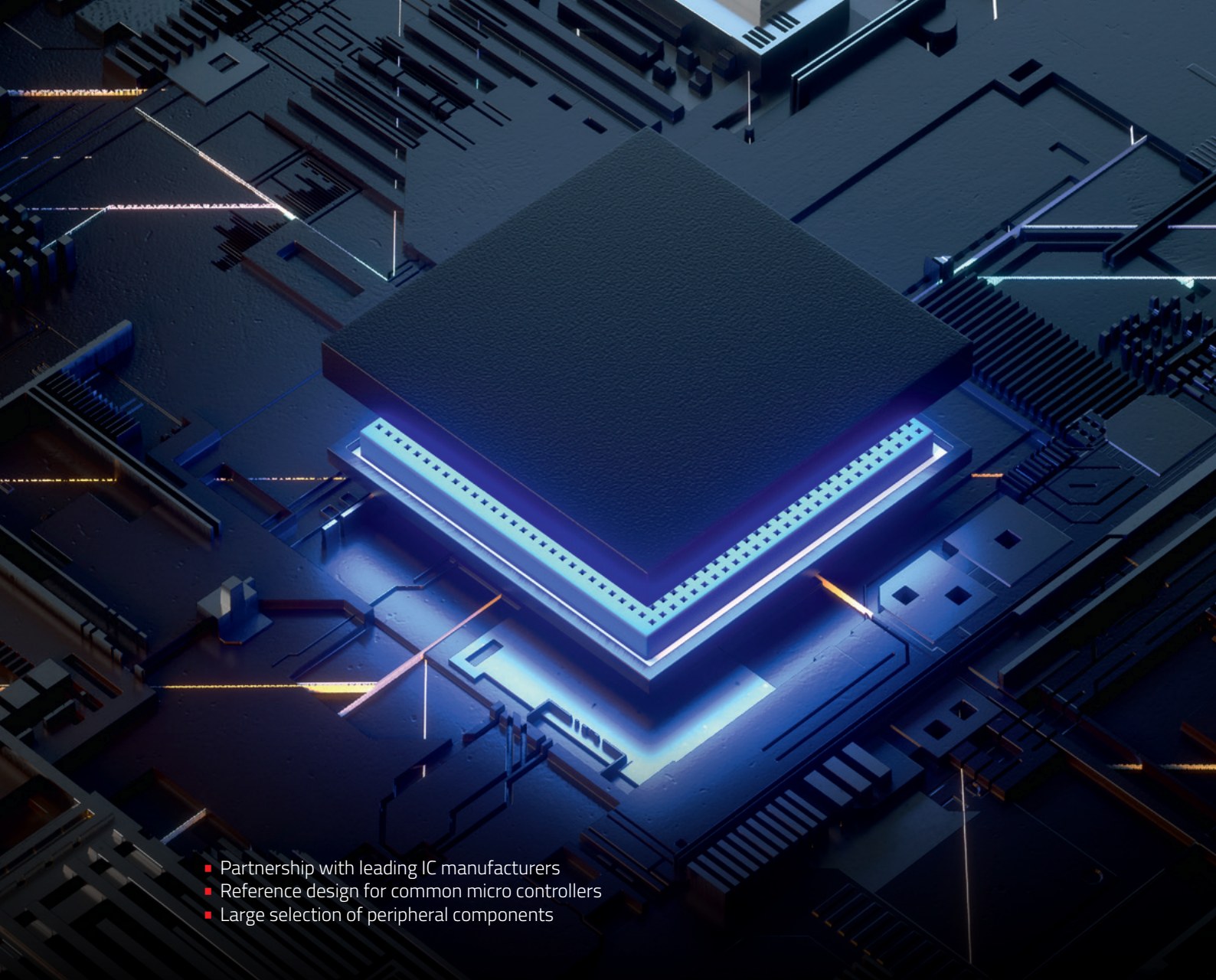
- SMD shielded, unshielded and semi shielded
- Small sizes, low profile
- High voltage versions available



Communication Interfaces **8**

- Filtered LAN for speed up to 10 Gbit
- PoE applications supported up to 2 A
- SMD/THT/THR versions available
- Digital Isolator VDE certified

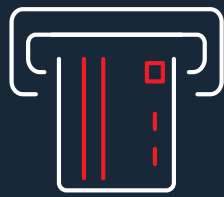




- Partnership with leading IC manufacturers
- Reference design for common micro controllers
- Large selection of peripheral components



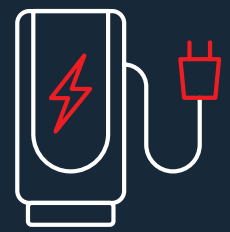
Fitnessstracker



ATM



Robots



EV charger



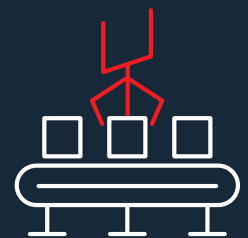
Smartphones



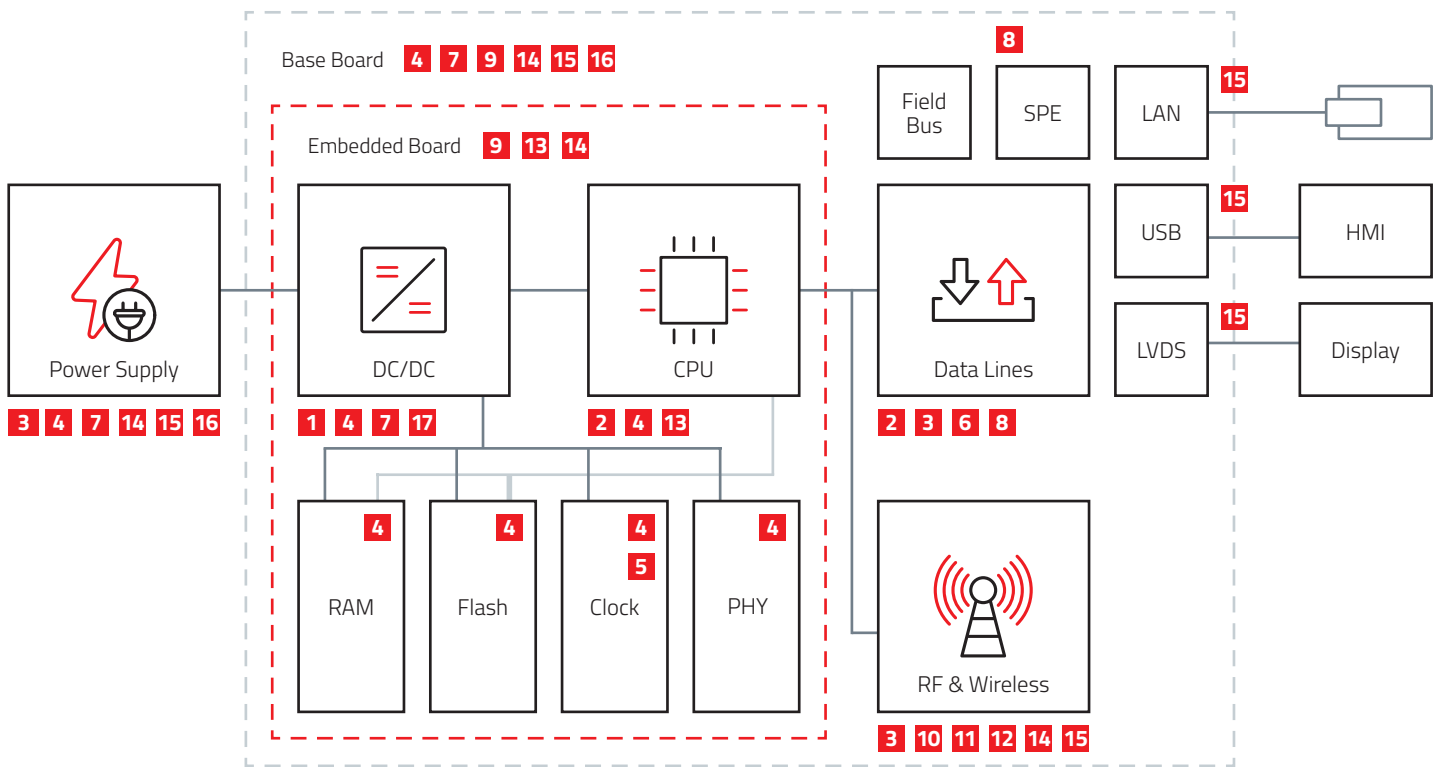
Home appliances



Gaming peripherals



Industry automation



Medical equipment



Navigation systems



Computer systems



Digital cameras



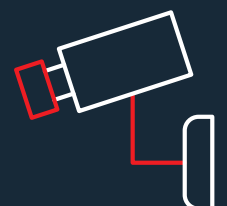
Smart home



Barcode scanner



Router



Security systems

ELECTRONIC COMPONENTS FOR EMBEDDED SYSTEMS

Optoelectronics 9

- Visible, infrared and ultraviolet LED
- Optocouplers



Sensors & Connectivity 10 11

- Modules for Bluetooth & Wi-Fi or Proprietary
- Sensors for temperature, humidity, pressure and acceleration



RF Components 12

- RF Inductors and capacitors with high Q and low tolerances
- Compact HF Signal Filters and Baluns
- Chip Antennas for various frequency



Thermal Management 13

- Gap filling solutions
- Heat spreading solutions



Assembly 14

- Spacer Studs, SMT Spacer, Plastic Spacer
- Cable Holders, Plastic Caps



Connectors 15

- Wire to Board (1.00, 1.25, 1.50, 2.00 mm) MPC3 & MPC4
- SKEDD Connectors
- ZIF/LIF Connectors
- Fuseholders
- COAX (SMA, SMB, SMP, MCX, MMCX, UMRP)
- Compliant with VDE, UL and IEC



Switches 16

- Tact Switches SMT
- Up to IP67



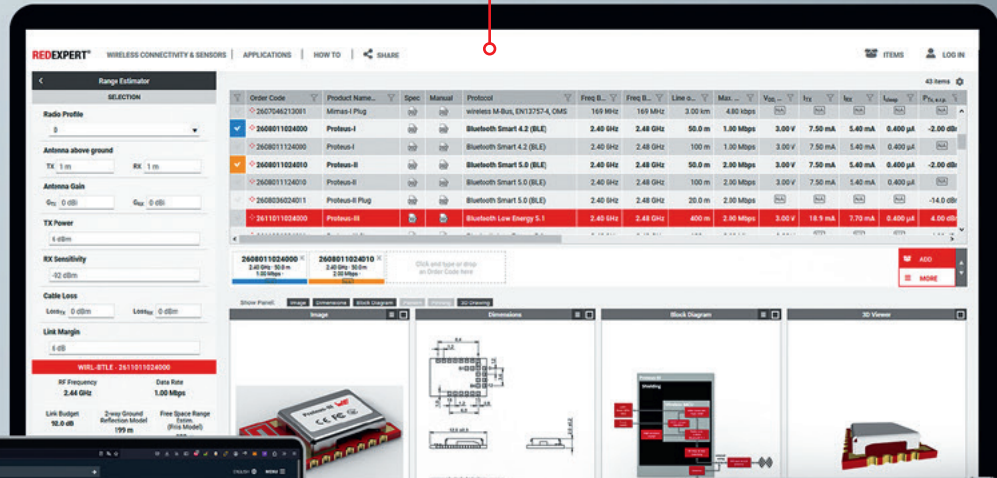
Power Management 17

- Non isolated DC/DC Power Modules
- Isolated DC/DC Power Modules
- Compliant with UL & IEC

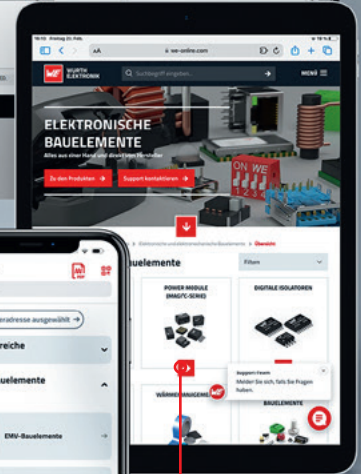
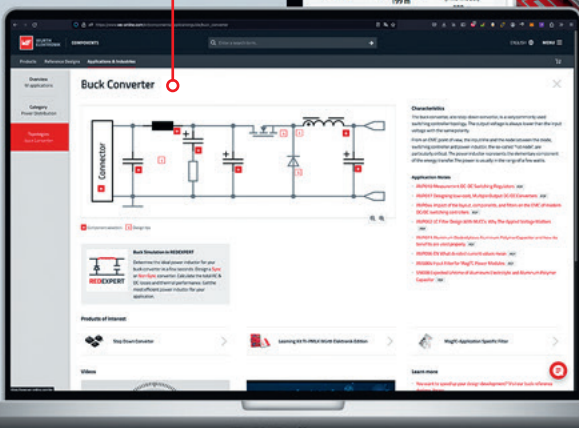


EASY AND FAST ACCESS TO ALL INFORMATION

REDEXPERT



APPLICATIONS &
INDUSTRIES GUIDES



IOS APP

WEBSITE



PRODUCT GUIDE



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Application Guide
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