

ENGLISH

CODICO®

Linecard 2022

ACTIVE COMPONENTS | PASSIVE COMPONENTS | CONNECTORS



Active Components

| | | | | |
|--|---|---|---|---|
|  Devices |  |  |  |  |
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Passive Components

| | | | | |
|---|---|---|--|--|
|  THINK AHEAD. |  |  |  |  Powering Business Worldwide |
|  |  |  |  ISABELLENHÜTTE |  a YAGEO company |
|  |  |  -All for dreams |  |  |
|  |  |  |  SUN Electronic Industries Corp. |  THINKING |
|  |  | | | |

Interconnect Systems

| | | | | |
|---|--|---|---|---|
|  |  |  |  |  |
|  |  Powering Business Worldwide |  |  |  |
|  |  -All for dreams |  |  Build a Smarter World |  |
|  |  |  |  | |

We develop solutions to enable your future products!

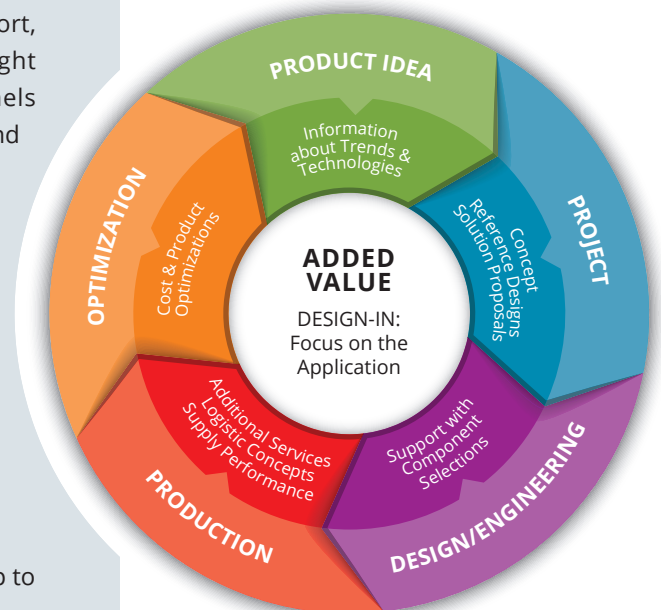
CODICO is dedicated to design-in, marketing and sales of top quality electronic components. Our product range includes **active components** and **passive components**, as well as **interconnect systems**. Together with cross-disciplinary project management, we provide technical support, consultation, and advice, from the initial development phase right through to production and beyond. Short communication channels within our organisation guarantee rapid and highly competent care and attention.

Working closely with our suppliers, CODICO is able to advise customers on the latest trends in technology as well as sharing product roadmaps. In addition to offering technical solutions CODICO also keeps a close eye on prices and lead-times, ensuring the right parts are delivered to the right place at the right time. Our ability to include flexible customer-specific logistics is also a key strength of CODICO.

SERVICES PROVIDED

- We offer technical support from the very beginning of the project up to the order and beyond.
- Besides the technical solution we focus on availability, price and developments of the market.
- Very close cooperation and relationships with our suppliers gives early notice of trends and technologies.

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|---|
| COMMUNICATION (WIRED) |
| 8DEVICES |
| HomePlug Green PHY, IEC 15118 Modules |
| ASIX |
| Fast Ethernet Controllers (MAC+PHY) |
| USB to Ethernet Chips |
| Gigabit Ethernet MAC, WLAN MAC/Controllers |
| RS-232/485 Transceiver ICs |
| PCI/PCIe Interface ICs |
| EtherCAT Slave Controller |
| DEVOLO |
| HomePlug Green PHY, IEC 15118-3 Modules |
| INSYS |
| HomePlug Green PHY, IEC 15118-3 Modules |
| QUALCOMM |
| Broadband Power Line Communication (also over Coax & Twisted Pair) |
| HomePlug Green PHY Power Line Communication |
| Ethernet Switches & PHYs |
| Snapdragon SOC |
| SEVENSTAX |
| IEC/ISO15118 / DIN70121 / SAE J2847/2 |
| Message Decoder, Electric Vehicle & Charging Station Protocol Stack Simulator |



Active Components

COMMUNICATION (WIRELESS)

8DEVICES

Embedded Wi-Fi Modules, SOMs (System on Module), Wi-Fi Radio Modules

COMPEX

PCIe Wi-Fi Radio Modules, Combo Radio Modules, Embedded Wi-Fi Boards, Antennas

FN-LINK

Wi-Fi and Bluetooth Radio Modules with USB, PCIe & SDIO Interface

QUALCOMM

Wi-Fi SoCs, Wi-Fi Radio ICs, Combo Radio ICs

Bluetooth, aptX, cVc

Snapdragon SOC

QUECTEL WIRELESS SOLUTIONS

GSM/GPRS, UMTS/HSPA, LTE & LTE-A, CAT-M & NB-IoT, 5G, Wi-Fi/BLE Modules

Embedded SOM based on Qualcomm Snapdragon

SYNAPTICS

Wi-Fi Radio ICs, Wi-Fi/Bluetooth Combo ICs

DECT ULE ICs & Modules

THALES

IoT Modules, Gateways & Modem Cards

5G, LTE, LTE Cat M, Cat NB-IoT

GENERAL PURPOSE

AKM

Digital Audio DACs / ADCs

Hall ICs

KNOWLES

Audio Edge Processors

MPS

Motor Control ICs, Bridge-Drivers, Pre-Drivers & FOC Motor Drivers, Stepper Motor Drivers

Digital Isolators, Class D Audio Amplifiers

NISSHINBO MICRO DEVICES INC.

Audio & Video ICs, RF Devices, Optoelectronic Devices, Motor ICs

NUVOTON

ARM Cortex Microcontrollers

ISD ChipCorder ICs

CODECs

PANJIT SEMICONDUCTOR

Diodes (Schottky, SiC Schottky, Rectifier, Bridges, Zener)

ESD Protection, TVS

MOSFETs & Transistors

QUALCOMM

Snapdragon Application Processors

SYNAPTICS

Audio CODEC & DSP, AD Converters & Voice-Speech Processors

Video Interfaces USBc-DPI, Display Driver ICs, Touch Controller ICs

THUNDERCOMM

Computing, Audio & Cellular SOMs based on Qualcomm's Snapdragon Processors

POWER CONVERSION

COSEL

AC/DC & DC/DC-Medical & Industrial Power Supplies

Formats: PCB, potted, SMT, THD, Din Rails

Configurable/modular/semi-custom/special purpose

EOS POWER

AC/DC & DC/DC-Medical & Industrial Power Supplies

Formats: 2x3" & 2x4" & 3x5"

Low Profile options available: 1" & 0.75"

Optional housings

Configurable/modular/semi-custom/special purpose

MPS

DC/DC Converter ICs (Buck, Boost, Buck-Boost, LDOs)

DC/DC Modules with Integrated Inductors, DC/DC Open Frame Modules, Programmable Modules

Isolated Gate Drivers, Isolated Power Modules, PMICs

AC/DC Converter ICs (Buck, Flyback, Forward), PFC Controllers, Synchronous Rectifiers

LED Drivers & CCFL Drivers

USB Load Switches, Battery Chargers

Automotive AECQ Qualified Products

NISSHINBO MICRO DEVICES INC.

Power Management ICs

PHIHONG

ITE/Industrial/Medical External Wallplug & Desktop Adapters, Highly reliable & efficiency, ErP Lev V, ErP Lot 7, DOE Lev VI compliant

PoE/PoE+/BT Midspans, Injectors, Splitters

Configurable/Custom versions available

RECOM

AC/DC & DC/DC-Medical (EN60601), Industrial (EN62368), Household (EN60335)

DC/DC Converters for Railway Applications (EN50155)

Miniature OVC III AC/DC- & DC/DC-PCB Mount Modules

SILVER TELECOM

Miniature PoE-Splitter & Injector Modules (PoE/PoE+/BT)

TOREX SEMICONDUCTOR LTD.

Micro DC/DCs with Built-in Inductors

DC/DC Converter ICs, Step-Up, Step-Down, Step-Up/Down

LDOs, Voltage Detectors, Reset ICs

Power Switches, Battery Charger ICs

Schottky Barrier Diodes, TVS Diodes

OPTO ELECTRONICS

AMPIRE

Character & Graphic LCD Modules

Customized Display Solutions

TFT Displays

Resistive & Capacitive Touchpanels

MULTI-INNO TECHNOLOGY

Character & Graphic LCD Modules

Customized Display Solutions

TFT Displays

Resistive & Capacitive Touchpanels

OLED Displays

PARALIGHT

LEDs & LED Displays

WISECHIP

Character & Graphic OLED Displays

Full Color- & Area Color OLED Displays

Capacitive Touchpanels

Customized OLED Solutions

YEEBO LCD

Segment, Character & Graphic LCD Modules

Customized Display Solutions

TFT Displays

Resistive & Capacitive Touchpanels

SENSORS

ACCONEER

Radar Sensor & Modules

AKM

Hall ICs Sensors, Current Sensors, Rotary Position Sensors, CO₂ Sensors

KEMET

Residual Current Sensors

KNOWLES

Smart Microphones

MEMS & MEMS with Voice Activation

MPS

Spinaxis Rotary Position- & Angle-Sensors

Current Sensors

NISSHINBO MICRO DEVICES INC.

Dust-, Infrared- & Pressure Sensors

PIXART

Optical Tracking (DOF 1mm, up to infinity)

Object Motion Sensing (Gesture Recognition, Ambient Light Sensor, Prox. Sensor, Multi Object Tracking)

FIR (Far Infrared Sensor)

Heart Rate Monitor (SpO₂, HRV,...)

Capacitive Touch

CMOS Image Sensor

QUECTEL

GPS, GNSS Modules

Passive Components

| | | |
|---|---|---|
| AISHI | ISABELLENHÜTTE | SAGAMI |
| SMD Aluminum-Electrolytic Capacitors | Current Sense (Shunt) Resistors | Power Inductors |
| Aluminum-Electrolytic Capacitors Radial Type | Precision Resistors | Chip Inductors |
| Aluminum-Electrolytic Capacitors Snap-In Type | KEMET | Class-D Inductors |
| Aluminum E-Caps with Screw Terminals | Aluminum-Electrolytic Capacitors Snap-In Type | SANYOU |
| Aluminum-Polymer Capacitors | Aluminum E-Caps with Screw Terminals | Signal Relays |
| Film Capacitors | Film Capacitors | Power PCB Relays |
| CELDUC RELAIS | X-/Y-Capacitors | Automotive Relays |
| Solid State Relays | Power Film Capacitors | Latching Relays |
| Reed Switches & Reed Relays | Motor Run Capacitors | DC High Voltage Relays |
| Magnetic Sensors | Aluminum-Polymer Capacitors | SUMIDA |
| DAISHINKU KDS | Tantalum-Polymer Capacitors | Ferrites |
| Quartz Crystals | Electric Double Layer Capacitors | Transformers for LF-, HF & Telecom Applications |
| Simple Package Crystal Oscillator (SPXO) | Ceramic Capacitors | Power Inductors |
| Temp. Compensated Crystal Oscillator (TCXO) | EMI Power Line Filters | Noise Suppression Chokes |
| Differential Output Crystal Oscillator | MPS | Chip Inductors |
| Monolithic Crystal Filter (MCF) | Power Inductors | SUN ELECTRONIC INDUSTRIES |
| MEMS Oscillators | Metal Alloy Inductors | SMD Aluminum-Electrolytic Capacitors |
| DIPTRONICS | NEXEM | Radial Aluminum-Electrolytic Capacitors |
| DIP Switches | Signal Relays | Aluminum Polymer Hybrid Capacitors <i>EP-Caps</i> |
| Tact Switches | Automotive Relays | THINKING ELECTRONICS |
| Rotary Coded Switches | NIDEC | Varistors (MOV) |
| Push & Slide Switches | Trimmer Potentiometers (SMD/THT) | Gas Discharge Tubes (GDTs) |
| Detector Switches | Rotary & Rotary Code Switches | NTC Thermistors |
| Micro Switches | DIP Switches | PTC Thermistors |
| EATON | Rocker, Toggle, Slide & Pushbutton Switches | Polymer PTC Resettable Fuse |
| Power Inductors | Encoders | Temperature Sensors |
| Metal Alloy Inductors | PANASONIC | TXC |
| Electric Double Layer Capacitors | Aluminum-Polymer Capacitors <i>OS-CON, SP-Cap</i> | Tuning Fork Quartz Crystals (32.768kHz) |
| Hybrid-Supercaps | Tantalum-Polymer Capacitors <i>POSCAP</i> | Differential Output Crystal Oscillator |
| Chip Inductors | Aluminum-Polymer Hybrid Capacitors | Oven Controlled Crystal Oscillator (OCXO) |
| Ferrite Beads | Film Capacitors | VITROHM |
| Fuses | Encoders | Fusible Resistors |
| ELYTONE | Resistors | Precision Resistors |
| Transformers for Power-Supplies | Light Touch & Detector Switches | Pulse Resistors |
| High Power Inductors | Metal Composite Inductors | Power Resistors |
| Noise Suppression Chokes | Pyrolytic Graphite Sheet »PGS« | Shunt Resistors |
| Planar-Transformer | RUBYCON | High Voltage Resistors |
| GOODSKY | SMD Aluminum-Electrolytic Capacitors | |
| Reed Relays | Aluminum-Electrolytic Capacitors Radial Type | |
| PhotoMos Relays | Aluminum-Electrolytic Capacitors Snap-In Type | |
| Signal Relays | Aluminum-Polymer Hybrid Capacitors | |
| Power PCB Relays | Polymer Multi-Layer Capacitors | |
| Panel-/Plug-In Relays & Sockets | Film Capacitors | |
| Automotive Relays | | |
| HJC - HUA JUNG COMPONENTS | | |
| Film Capacitors | | |

Interconnect Systems

AMPHENOL ICC

Backpanel Connectors
Hybrid & Power Solutions
Wire/Cable/Flex/Board-to-Board Connectors
I/O Storage Interface Connectors

Industrial Ethernet
(Single Pair Ethernet, ix Industrial™)

AMPHENOL INDUSTRIAL

Power Connectors with Radsok® Technology
Chip Card Connectors
Circular Connectors Industrial & Aeromil
Flexible Printed Circuit Boards (FPC)
Waterproof Connector Solutions
M8/M12 Connectors and Cables
Heavy Duty Connectors Rectangular
Customer Specific Cable Harnesses
HV/EV Connections
Bus Bars
Single Pair Ethernet

CABLE ASSEMBLIES

Cable Assemblies for Industrial Applications
Flat Cable Assemblies & Jumpers
RF Miniatur Coaxial Jumper Cables
Shielded Data Cables & I/O Assemblies
Wire/Cable/Flex-to-Board Assemblies

CCP CONTACT PROBES

PCB Test Probes
Pogo Pins (Single Pins & Assemblies)
IC Test Probes
High Current Contacts (Ground Spring)

CVILUX

Flexible Flat Cables (FFC) & Connectors
Wire-to-Board Connectors
Board-to-Board Connectors
I/O Connectors

DINKLE

Screw Type Terminal Blocks
Spring Type Terminal Blocks with Push-In Design
Pluggable Terminal Blocks
DIN Rail Housings & Terminal Blocks

EATON

Souriau Circular & Rectangular Connectors

HIROSE

Miniature Connectors
(Wire/Cable/Flex/Board-to-Board)
Circular Connectors (Audio, Industrial)
RJ45 & Interface Connectors
RF/Coax Connectors & Assemblies

FFC/FPC Connectors
High Power Connectors
Battery Storage Connectors
Industrial Ethernet
(Single Pair Ethernet, ix Industrial™)

INARCA SPA

Chain Terminals
PCB Crimp Contacts
Rast Connectors
Connector Systems with IDC &
Crimp Termination
Semi-Automatic Machines/Toolings

LUXSHARE-ICT SPEEDTECH

RF/Coax Connectors & Assemblies
Bus Bars
HV/EV Connections

NEXTRON

Backpanel Connectors
I/O Storage Interface Connectors
Hybrid & Power Solutions
Circular Connectors Push-Pull

NIDEC

DC Fans & Blowers
DC & BLDC Motors
Stepping Motors & Drivers
EC Motors

PEI TEL

Microphones & Loudspeakers
USB Handsets & Others
USB Desktop Microphones (Desktop Systems)

QUECTEL

Antenna Solutions

SINBON

Overmolded Cable Assemblies
Mechanical Parts & Housing Parts
Specific Connector Solutions
HV/EV Connections

STOCKO CONTACT

Solderless Contacts & Chain Terminals
Connector Systems with IDC &
Crimp Termination
Leadframes/Bus Bars

SUMIDA FLEX

Flexible Board Connections
PANTA® Jumper (SMD, FIX, FLL, IDC)
Flexible Flat Cables

UDE

RJ Modular & Magnetic Jacks
USB Combo Connectors

YAMAICHI ELECTRONICS

PU, Test- & Burn-In Sockets
Card Connectors
High Speed Connector Systems
I/O Industrial Connectors (Y-Con)
Circular Connectors Push-Pull & M12 (Y-Circ)
Flexible Flat Cables (FFC) & Connectors

Check out our website
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