

ENGLISH

CODICO®

Linecard 2021

ACTIVE COMPONENTS | PASSIVE COMPONENTS | CONNECTORS



Active Components

| | | | | |
|--|--|---|--|--|
|  Devices |  aconeer |  AKM |  AMPIRE |  ASIX Electronics Corporation |
|  COMPEX |  COSEL |  devolo |  DSP GROUP |  ECOS |
|  FN-Link™ Innovation For Surfing |  gemalto security to be free |  INSYS icom |  KEMET a YAGEO company |  knowles |
|  MPS |  Multi-Inno Technology Co., Ltd |  JRC |  nuvoTon |  PANJIT SEMI CONDUCTOR |
|  PARA light |  PHIHONG |  POI |  QUALCOMM |  QUECTEL® Build a Smarter World |
|  RECOM |  Silvertel |  SEVENSTAX EMBEDDED TECHNOLOGIES |  Synaptics™ |  Thundercomm |
|  TOREX SEMICONDUCTOR LTD. |  WSP |  YB YEBO LCD Ltd | | |





Passive Components

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Interconnect Systems

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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

COMMUNICATION (WIRED)

8DEVICES

HomePlug Green PHY, IEC 15118-3 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

DEVOLO

HomePlug Green PHY, IEC 15118-3 Modules

INSYS

HomePlug Green PHY, IEC 15118-3 Modules

QUALCOMM

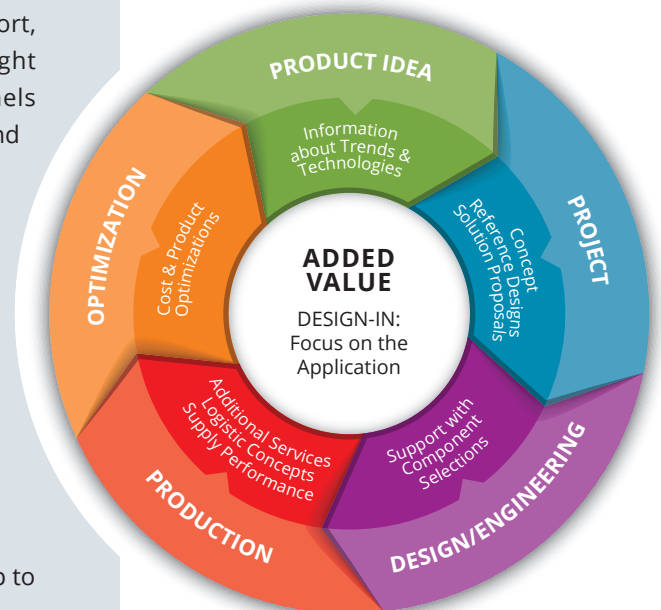
Broadband Power Line Communication (also over Coax & Twisted Pair)

HomePlug Green PHY Power Line Communication

Ethernet Switches & PHYs

SEVENSTAX

IEC/ISO15118 / DIN70121 / SAE J2847/2
Message Decoder



Active Components

COMMUNICATION (WIRELESS)

8DEVICES

System on Modules (SOM), Embedded Wi-Fi Modules, Combo Radio Modules

COMPEX

PCIe Wi-Fi Radio Modules, Combo Radio Modules, Embedded Wi-Fi Modules, Antenna Modules

DSP GROUP

DECT ULE ICs & Modules

FN-LINK

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

GEMALTO

2G, 3G, 4G Modules & Terminals

NB-IoT Modules

QUALCOMM

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

Bluetooth, aptX, cVc

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

GENERAL PURPOSE

AKM

Digital Audio DACs / ADCs

Hall ICs, Power Management ICs

KNOWLES

Audio Edge Processors

MPS

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

Class D Audio Amplifiers

NEW JAPAN RADIO

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

NUVOTON

ARM Cortex Microcontrollers

ISD ChipCorder ICs

CODECs, Subscriber Line Control Circuit

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

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

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

NEW JAPAN RADIO

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 AC/DC- & DC/DC-PCB Mount Modules

SILVER TELECOM

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

Wireless Charging Modules (Qi compliant)

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 Sensors

AKM

Hall ICs Sensors, Current Sensors, Infrared
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

NEW JAPAN RADIO

Radar Sensors, Light Sensors

PIXART

Optical Navigation (Optical-Mouse-Sensors,
Finger Navigation, Track Sensors)

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

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

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
Customer Specific Solutions

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

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 SERVO

DC Fans & Blowers
DC Motors with & without Brush
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

SOURIAU - SUNBANK BY EATON

Circular & Rectangular Connectors
Industrial and Aeromil

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)
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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