

ENGLISH

CODICO®

Linecard 2024

ACTIVE COMPONENTS | PASSIVE COMPONENTS | CONNECTORS

Active Components





Passive Components

 THINK AHEAD.				 Powering Business Worldwide
			 Innovation aus Tradition	 a YAGEO company
	 -All for dreams			
				 SUN Electronic Industries Corp.
		 a YAGEO company		

Interconnect Systems

				
		 Powering Business Worldwide		
	 -All for dreams			
				

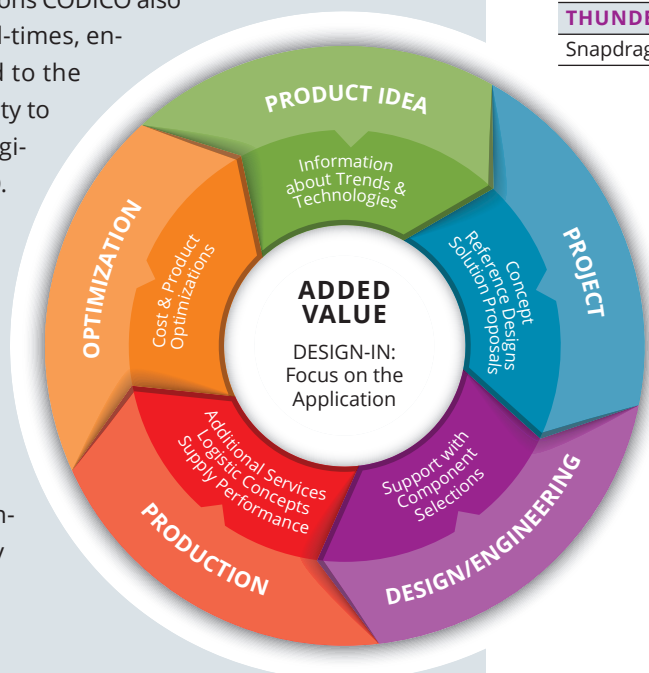
We develop solutions to enable your future products!

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.



GENERAL PURPOSE
AKM Digital Audio DACs / ADCs, Hall ICs
COLOGNE CHIP FPGAs
INNOSCIENCE Uni- & Bidirectional GaN-FETs, GaN-Half-Bridges with integrated Drivers
KNOWLES Audio Edge Processors, Microphones
MPS Motor Control ICs, Bridge-Drivers, Pre-Drivers & FOC Motor Drivers, Stepper Motor Drivers Fan-Drivers, Solenoid Drivers, Digital Isolators, Class D Audio Amplifiers
NISSHINBO MICRO DEVICES INC. Audio & Video ICs, RF Devices, Optoelectronic Devices, Motor ICs, Operational Amplifier
NUVOTON ARM Cortex Microcontrollers ISD ChipCorder ICs, CODECs
PANJIT SEMICONDUCTOR Diodes ESD Protection, TVS, MOSFETs & Transistors
QUALCOMM Snapdragon Application Processors Wi-Fi, Powerline, Bluetooth, IoT MCU
SYNAPTICS Audio CODEC & DSP, AD Converters & Voice-Speech Processors, Multimedia SoCs, Quadcore Processors with NPU, Wi-Fi Video Interfaces USBc-DPI, Display Driver ICs, Touch Controller Ics, UCC Controllers
THUNDERCOMM Computing, Audio & Cellular SOMs based on Qualcomm's Snapdragon Processors Edge AI Boxes Turnkey Product Development Engineering Services for Qualcomm SoC Platforms
THUNDERSOFT Snapdragon Processors

Active Components

COMMUNICATION (WIRELESS)

8DEVICES

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

AMPAK

Wi-Fi & Bluetooth Radio Modules

COMPEX

Wi-Fi PCIe Radio Modules for Access Points & Routers

FN-LINK

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

IOT747

Bluetooth/Bluetooth Low Energy Modules for Wireless Audio Applications

MERUTI

Low Power, All-in-One Bluetooth Low Energy, Wi-Fi & ZigBee Modules

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

TELIT CINTERION

LPWA (LTE Cat M, Cat NB-IoT), LTE Cat-1 & Cat-1bis, LTE-A, 5G (Sub-6 & mmWave), Wi-Fi/BLE & GNSS Modules, IoT Gateways & Modem Cards

COMMUNICATION (WIRED)

8DEVICES

HomePlug Green PHY, IEC 15118 Modules

APAC OPTO

SFP Modules for FE, GE, up to 40G, 1x9, QSFP

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

OPTOWAY

SFP Modules for FE, GE, up to 40G, 1x9, QSFP

Video 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

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, Battery Management ICs, Fuel Gauges

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 for EVSE Applications

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

OPTO ELECTRONICS

MULTI-INNO TECHNOLOGY

Character & Graphic LCD Modules

Customized Display Solutions

TFT Displays

Resistive & Capacitive Touchpanels

OLED Displays

PARA LIGHT

LEDs & LED Displays

WISECHIP

Character & Graphic OLED Displays

Full Color- & Area Color OLED Displays

Capacitive Touchpanels

Customized OLED Solutions

YEEBO

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, Infrared Detection ICs

KEMET

Residual Current Sensors

KNOWLES

Smart Microphones

MEMS & MEMS with Voice Activation

Balanced Armatures

Vibration Sensors

MPS

Spinaxis Rotary Position- & Angle-Sensors

Current Sensors

NISSHINBO MICRO DEVICES INC.

Light- & Acoustic Sensors, Radar Sensor Modules

PANASONIC

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)

Optical Sensor for: Distance, Fire Smoke Detection, Optical Encoder

Intelligent Object Detection

Heart Rate Monitor (SpO2, HRV,...)

Capacitive Touch

CMOS Image Sensor

QUECTEL

GPS, GNSS Modules

SENSEAIR

CO2, R32 & R290 Sensors

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

Interconnect Systems

ADAM TECH

Connectors
Pogo Pins (Single Pins & Assemblies)
Customer Specific Cable Harnesses
Antenna Solutions & RF Jumper Cables

AMPHENOL CS

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
Waterproof Connector Solutions
M8/M12 Connectors & Cables
Customer Specific Cable Harnesses
HV/EV Connections
Circular & Rectangular Connectors

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
I/O Connectors
Wire-to-Board & Board-to-Board Connectors

DINKLE

Screw Type Terminal Blocks
Spring Type Terminal Blocks with Push-In Design
Pluggable Terminal Blocks
DIN Rail Housings & Terminal Blocks
M8/M12 Connectors & Cables

EATON

Souriau Circular & Rectangular Connectors

EPT

Backpanel Connectors
High Speed Connectors (SMT & Press-Fit)
Edge Card 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

Solderless Contacts & Chain Terminals
Connector Systems with IDC & Crimp Termination
Rast Connectors

KABELKONFEKTIONEN

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

NIDEC

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

PEI TEL

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

SINBON

Overmolded Cable Assemblies
Specific Connector Solutions
HV/EV Connections
Battery Charging Solutions
Antenna Solutions
Magnetic Connectors & Cable Assemblies

STK FAN

AC/DC Fans & Blowers
EC Fans & Blowers
Thermal Pads

STOCKO CONTACT

Solderless Contacts & Chain Terminals
Connector Systems with IDC & Crimp Termination
Rast Connectors

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

YAN SHIN

SMD/EMI Contacts
Battery Contacts
Spring Contacts

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