ENGLISH

CODICO®

Linecard 2027

ACTIVE COMPONENTS | PASSIVE COMPONENTS | CONNECTORS

Active Components



Passive Components



Connectors



Enabling Success.



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 (WIRELESS)

8DEVICES
Wi-Fi SOMs (System-on-Module), Wi-Fi Radio Modules

AMPAK
Wi-Fi & Bluetooth Radio Modules, SOMs with Arm Processors

CAVLI WIRELESS
4G & 5G Cellular Modules

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

EHONG Technology Co., Ltd.
Bluetooth/Bluetooth Low Energy Modules & Google/Apple Find My Solutions

FN-LINK
Wi-Fi & Wi-Fi/Bluetooth Combo Radio Modules with USB, PCIe or SDIO Interfaces

IOT747
Bluetooth/Bluetooth Low Energy Modules for Wireless Audio Applications

LANTRONIX
Wi-Fi IoT Modules

MEIG
4G & 5G Cellular Modules
Dragonwing™ SoCs

METICOMM
Wi-Fi SOMs (System-on-Module), Wi-Fi Radio Modules, Wi-Fi IoT Modules
Dragonwing™ SoCs

Qualcomm Technologies
Wi-Fi SoCs, Wi-Fi Radio ICs, Combo Radio ICs, Wi-Fi IoT Modules, Front-End Modules (FEMs)
Bluetooth Audio: SoCs, AI SoCs, aptX, cVc
Dragonwing™ SoCs

QUALYNXUS
Wi-Fi & Sub-GHz Front-End Modules (FEMs), Power Amplifiers (PAs), Diplexers

SYNAPTICS
Wi-Fi Radio ICs, Wi-Fi/Bluetooth Combo ICs
DECT ULE ICs & Modules
Triple-Radio Solutions with Wi-Fi, Bluetooth & 802.15.4 (Zigbee/Thread)

DISPLAYS

AMPIRE
Character & Graphic LCD Modules
Customized Display Solutions
TFT Displays

MULTI-INNO TECHNOLOGY
Character & Graphic LCD Modules
Customized Display Solutions
TFT Displays & OLED Displays

RAYSTAR
Character & Graphic OLED Displays
Character & Graphic LCD Modules
Customized Display Solutions
TFT Displays
ePaper Displays

WISECHIP
Character & Graphic OLED Displays
Full-Color & Area-Color OLED Displays
Small TFT Displays
Customized Display Solutions

YEEBO
Segment, Character & Graphic LCD Modules
Customized Display Solutions
TFT Displays

Active Components

COMMUNICATION (WIRED)

8DEVICES
HomePlug Green PHY Modules, ISO/IEC 15118/DIN 70121/SAE J2847/2 Modules

ASIX
Fast Ethernet Controllers (MAC+PHY)
USB-to-Gigabit Ethernet Chips
RS-232/485 Transceiver ICs
EtherCAT Slave Controller

DROPBEATS
HomePlug Green PHY Modules, ISO 15118/DIN 70121/SAE J2847/2 Modules, EVSE/EV Communication Controller

MOTORCOMM
Ethernet Switches & PHYs

OPTOWAY
SFP Modules for FE, GE, up to 40G, 1×9, QSFP
Video Modules

PIONIX
eMobility Modules, HomePlug Green PHY for PLC, MCS & GB/T
Integration Support for Open-Source Software Stack EVerest, ISO 15118 & DIN 70121, OCPP & Backend

Qualcomm Technologies
Broadband Power-Line Communication (Also over Coax & Twisted Pair)
HomePlug Green PHY Power-Line Communication ICs
Ethernet Switches & PHYs

SEVENSTAX
ISO/IEC 15118/DIN 70121/SAE J2847/2 Message Decoder, Electric Vehicle & Charging Station Protocol Stack

TRIALOG
eMobility Communication Stacks, DIN 70121, ISO 15118-2/-20, OCPP & CHAdeMO
Simulation & Testing Tools for ISO 15118 & DIN 70121, Sniffer for Capturing PLC Communication

SENSORS

ACCONEER
Radar Sensors & Modules

AKM
Hall ICs, Current Sensors, Rotary Position Sensors, Infrared Detection ICs, Radar Sensors

MPS
SpinAxis Rotary Position & Angle Sensors
Hall- & TMR-Based Current Sensors

NISSHINBO MICRO DEVICES INC.
Light & Acoustic Sensors, Radar Sensor Modules

PIXART
Optical Tracking (DOF 1mm, up to Infinity)
Object Motion & Smart Pixel Optical Sensing
FIR (Far-Infrared Sensor)
Optical Sensors
Intelligent Object Detection
Healthcare Sensors: PPG, ECG, BIA, EDA, AFE
Optical Navigation Sensors
CMOS Image Sensors (Rolling & Global Shutter)

QUALYNXUS
24GHz & 60GHz MIMO mmWave Sensor SoCs & Modules

SENSEAIR
CO_2, R32 & R290 Sensors

YAGEO-KEMET
Residual Current Sensors

GENERAL PURPOSE

8DEVICES
Computing, Edge AI SOMs Based on Qualcomm's Dragonwing™ Processors for Drones, Robotics & Industrial Applications

AKM
Digital Audio DACs/ADCs, Hall ICs

Arduino
Open-source Computing Platforms Based on Qualcomm Dragonwing™ Processors

COLOGNE CHIP
FPGAs

GRINN
SOMs & SBCs Based on Synaptics SL ASTRA Family

JMO
Product Development & Manufacturing
Edge AI Cameras, Industrial Vision, Arduino Accessories, Rugged Computers, Handhelds & Tablets
Automotive, Industrial, Retail Technology Solutions

LANTRONIX
Computing, Edge AI SOMs & Edge Boxes Based on Qualcomm's Dragonwing™ Processors
Drone Reference Designs, NDAA- & TAA-Compliant Industrial SOMs
Turnkey Product Development

MPS
Motor Control ICs, Bridge Drivers, Pre-Drivers & FOC Motor Drivers, BLDC Motor Drivers, Stepper Motor Drivers
Fan Drivers, Solenoid Drivers, Digital Isolators, Class D Audio Amplifiers, Audio Processors

NISSHINBO MICRO DEVICES INC.
Audio & Video ICs, RF Devices, Optoelectronic Devices, Motor ICs, Operational Amplifiers

NUVOTON
Arm Cortex Microcontrollers
ISD ChipCorder ICs, Codecs

PANJIT SEMICONDUCTOR
Diodes
ESD Protection, TVS, MOSFETs & Transistors

Qualcomm Technologies
Dragonwing™ Application Processors
Wi-Fi, Power-Line, Bluetooth, IoT MCUs

SYNAPTICS
Multimedia SoCs, Quad-Core Processors with NPU, Wi-Fi, Audio Codec & DSP, AD Converters & Voice-Speech Processors, MCUs with Cortex-M55
Video Interfaces (USB-C DPI), Display Driver ICs, Touch Controller ICs, UCC Controllers

THUNDERCOMM
Computing, Edge AI, Audio & Cellular SOMs Based on Qualcomm's Dragonwing™ Processors
Smart Camera, Edge AI Boxes, Wearables, XR
Turnkey Product Development

POWER CONVERSION

BEL
AC/DC & DC/DC Medical, Household & Industrial Power Supplies
2×3", 2×4" & 3×5" Footprints, Low-Profile Options: 1" & 0.75"
Front-End Solutions, Rack Solutions, Railway Power, External Power Supplies

CINCON
AC/DC Low-Profile Medical, Household & Industrial Power Supplies
Ultra-Wide Input (18:1) DC/DC Converters for Railway (EN50155) Applications
PV DC/DC Converters for up to 1,500VDC Input

COSEL
AC/DC & DC/DC Medical, Household & Industrial Power Supplies
Open Frame, PCB, Potted, DIN Rails
Configurable, Modular, Semi-Custom, Special-Purpose

INNOSCIENCE
GaN FETs, GaN Half-Bridges, Bidirectional GaN FETs, Gate-Driver ICs

INVENTCHIP
SiC FETs, SiC Half-Bridges, SiC Modules, Gate-Driver ICs

MPS
DC/DC Converter ICs (Buck, Boost, Buck-Boost, LDOs)
DC/DC Modules with Integrated Inductors, Programmable Modules
Isolated Gate Drivers, Isolated Power Modules, PMICs
AC/DC Converter ICs (Buck, Flyback, Forward), PFC Controllers, Synchronous Rectifiers
LED Drivers
USB-C PD, USB Load Switches, Battery Chargers, Battery Management ICs, Fuel Gauges, PoE
Automotive AEC-Q-Qualified Products

NISSHINBO MICRO DEVICES INC.
Power Management ICs

PHIHONG
ITE/Industrial/Medical External Wall-Plug & Desktop Adapters, Highly Reliable & Efficient, ErP Lot 7, DOE Level VI-Compliant
PoE/PoE+/BT Midspans, Injectors, Splitters

RECOM
AC/DC & DC/DC for Medical (EN60601), Industrial (EN62368), Household (EN60335), Railway Applications (EN50155)
Miniature OVC III AC/DC & DC/DC PCB-Mount Modules for EVSE Applications
ICs for Isolated DC/DC Converters & (Custom) Transformers & Smart Rectifiers

SILVER TELECOM
Miniature PoE Splitter & Injector Modules (PoE/PoE+/BT)
DC/DC Converters for PoE Applications, PoE to USB-C PD

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

Passive Components

CAPACITORS

EATON
- Electric Double-Layer Capacitors including Modules & Hybrid Versions
- Polymer Hybrid Capacitors

HJC – HUA JUNG COMPONENTS
- Film Capacitors

RUBYCON
- Aluminum Electrolytic Capacitors
- Polymer Hybrid Capacitors
- Polymer Multilayer Capacitors (PMLCAP)

SUN ELECTRONIC INDUSTRIES
- Aluminum Electrolytic Capacitors (SMD & THT)
- Polymer Hybrid Capacitors

YAGEO-KEMET
- Aluminum Electrolytic Capacitors (SMD, THT, Snap-In, Screw-Terminal, Rectangular)
- Film Capacitors
- Polymer Capacitors
- Polymer Hybrid Capacitors
- Electric Double-Layer Capacitors
- Ceramic Capacitors

INDUCTORS/TRANSFORMERS

EATON
- Fixed Inductors
- Metal-Alloy Inductors
- Chip Inductors
- Ferrite Beads
- EMI Suppression Chokes

ELYTONE
- Custom Power Magnetics & Module Solutions
- Transformers for Switch-Mode Power Supplies
- High-Power Inductors
- EMI Suppression Chokes
- Planar Transformers

SAGAMI
- Fixed Inductors
- Chip Inductors
- Class-D Inductors
- Metal-Alloy Inductors
- Transformers for LF & HF Applications

SUMIDA
- Custom Power Magnetics & Module Solutions
- Ferrites
- Transformers for LF, HF & Telecommunications Applications
- Fixed Inductors
- EMI Suppression Chokes
- Chip Inductors

YAGEO-KEMET
- EMI Suppression Chokes

RESISTIVE COMPONENTS/SENSORS

CELDUC RELAIS
- Magnetic Sensors

EATON
- Current-Sensing Resistors (Shunts)

ISABELLENHÜTTE
- Current-Sensing Resistors (Shunts)
- Precision Resistors
- Pulse Load Resistors

NIDEC
- Trimmer Potentiometers
- Potentiometers

THINKING ELECTRONICS
- Temperature Sensors (NTC & PTC)
- Platinum Sensors (Pt100/Pt1000)

RELAYS

CELDUC RELAIS
- Solid-State Relays
- Reed Products

GOODSKY
- Reed Relays
- MOSFET Relays
- Signal Relays
- PCB Power Relays
- Plug-In Relays & Sockets
- Automotive Relays

NEXEM
- Signal Relays
- Automotive Relays

PANASONIC
- Latching Relays (Single-Coil/Dual-Coil)
- Safety Relays
- PhotoMOS Relays

SANYOU
- PCB Power Relays
- Signal Relays
- High-Power Relays for EV Charging Systems, Solar Inverters & Smart Meters
- HVDC Relays & Contactors
- Automotive Relays

SONG CHUAN
- High-Power Relays for EV Charging Systems & Solar Inverters
- HVDC Relays & Contactors

TIMING DEVICES/CRYSTAL FILTERS

DAISHINKU KDS
- Quartz Crystals
- Simple Packaged Crystal Oscillators (SPXO)
- Temperature-Compensated Crystal Oscillators (TCXO)
- Differential-Output Oscillators
- Monolithic Crystal Filters (MCF)
- MEMS Oscillators

TXC
- Watch Crystals (32.768kHz)
- Differential-Output Oscillators
- Oven-Controlled Crystal Oscillators (OCXO)

CIRCUIT PROTECTION

BEL
- HV Fuses for EVSE

EATON
- Fuses & Fuse Holders
- TVS Diodes

THINKING ELECTRONICS
- Varistors (MOV)
- Gas Discharge Tubes
- NTC Thermistors
- PTC Thermistors
- Polymer PTC Thermistors
- TVS Diodes

SWITCHES/ENCODERS

NIDEC
- DIP Switches
- Rotary Selector Switches
- Lever Switches
- Rocker Switches
- Illuminated Switches
- Tactile Switches
- Pushbutton Switches
- Detector & Toggle Switches
- Encoders

PANASONIC
- Tactile & Detector Switches
- Detector & Toggle Switches
- Encoders

BUZZERS

KINGSTATE
- Piezo Indicators
- Piezo Transducers
- Magnetic Indicators
- Magnetic Transducers

Connectors

CONNECTORS & TERMINAL BLOCKS

ADAM TECH
I/O Interface Connectors, Board & Wire Solutions, Terminal Blocks, High-Current Contacts, Spring Contacts

AMPHENOL CS
Backplane Solutions, I/O Interface Connectors, Industrial Ethernet, Board & Wire Solutions

AMPHENOL INDUSTRIAL
Circular & Rectangular Connectors, Energy Storage Solutions, Hybrid & Power with Radsok® Technology, HV/EV Solutions, Waterproof & Harsh Environment Solutions

CVILUX
FFC/FPC Connectors & Cables, Board & Wire Solutions, USB

DINKLE
Terminal Blocks

Enclosure Technology

EATON
Souriau Circular & Rectangular Connectors

EPT
High-Speed Board-to-Board (SMT & Press-Fit), Backplane Solutions

HIROSE
FFC/FPC Connectors, Floating Board-to-Board, Wire-to-Wire/Board, Card Readers, RF/Coax Connectors & Assemblies

INARCA
RAST Connectors (Insulation Displacement & Crimp Termination)

Wire-to-Wire/Board Connectors

STOCKO
RAST Connectors (Insulation Displacement & Crimp Termination)

Wire-to-Wire/Board Connectors

TAITEK
FFC/FPC, I/O Connectors, Board & Wire Solutions, Circular & Rectangular Connectors, RJ & Interface Connectors, SMD & RFI Contacts

TECHNO
Junction & Connection Boxes, Cable Glands, Circular Connectors for Outdoor Applications

UDE
RJ Modular & Magnetic Jacks

YAMAICHI
Card Readers, High-Speed, Industrial I/O Connectors (Y-CON), Push-Pull & M12 Connectors (Y-CIRC), Test & Burn-In Sockets

CONTACT ELEMENTS & EMC PRODUCTS

C.C.P.
Pogo Pins

Magnetic Connectors

Test Contacts (IC & ICT)

INARCA
Solderless Contacts

Contacts on Reel

Magnet Wire Connections

STOCKO
Solderless Contacts

Contacts on Reel

CABLE ASSEMBLIES

ADAM TECH
I/O & Data Cables

Internal Wiring

CVILUX
FFC Cables (Shielded/Unshielded)

Internal Wiring

SINBON
Overmolded Cable Assemblies

Custom Solutions

HV/EV Cable Assemblies

SUMIDA
Flexible PCB Interconnections

SMD Jumpers

FFC Cables (Shielded/Unshielded)

TAITEK
FFC/FPC Cables

I/O & Data Cables

SMD Jumpers

Internal & Industrial Wiring

YAMAICHI
FFC/FPC Cables

SMD Jumpers

Industrial Wiring

ELECTROACOUSTICS

KINGSTATE
Micro-Size Speakers & Dynamic Receivers

ECM Microphones

PEITEL
Microphones & Loudspeakers

USB Handsets

Desktop Intercom Stations

SELTECH
Micro-Size Speakers & Dynamic Receivers

ECM Microphones

COOLING, MOTORS & FANS

NIDEC
Brushed Motors & BLDC Motors

Fan Motors

Geared Motors

Frameless Motors

Servo Motors

Stepper Motors

STK FAN
AC/DC Fans & Blowers

Axial & Centrifugal Fans

Fan Assemblies

ANTENNA & RF SOLUTIONS

ADAM TECH
Antenna Solutions & RF Jumper Cables

TAITEK
Coaxial Connectors

Micro-Coaxial Cable Assemblies

Antennas

Check out our website
www.codico.com

FOLLOW US

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