www.demsay.com

DEMSAY

Elektronik Sanayi ve Ticaret A.Ş.

EN

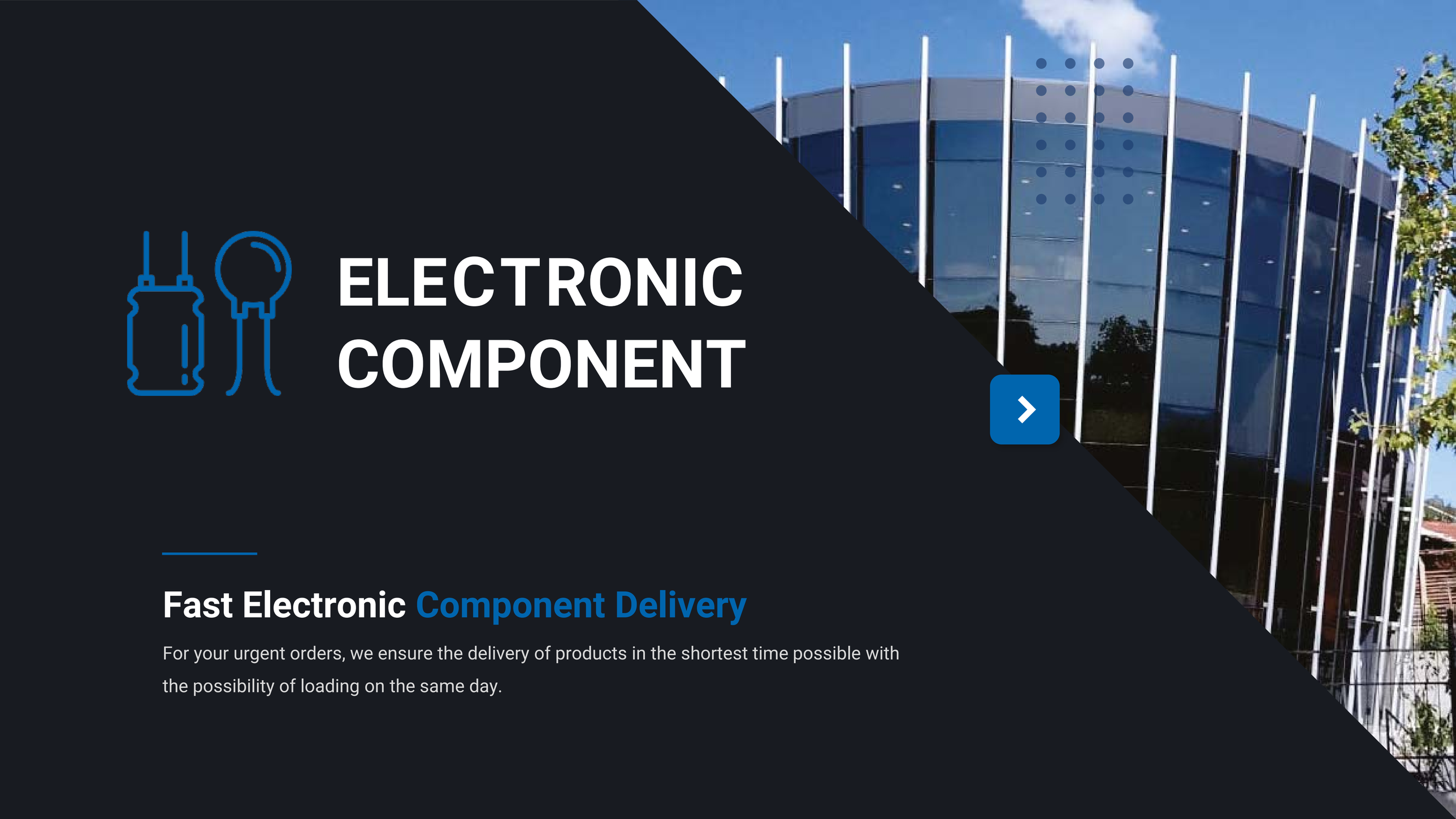
DEMSAY

DEMSAY
ELEKTRONİK

DEMSAY ELEKTRONİK

We have weekly regular shipments from the United States, Europe and the Far East

ELECTRONIC COMPONENT



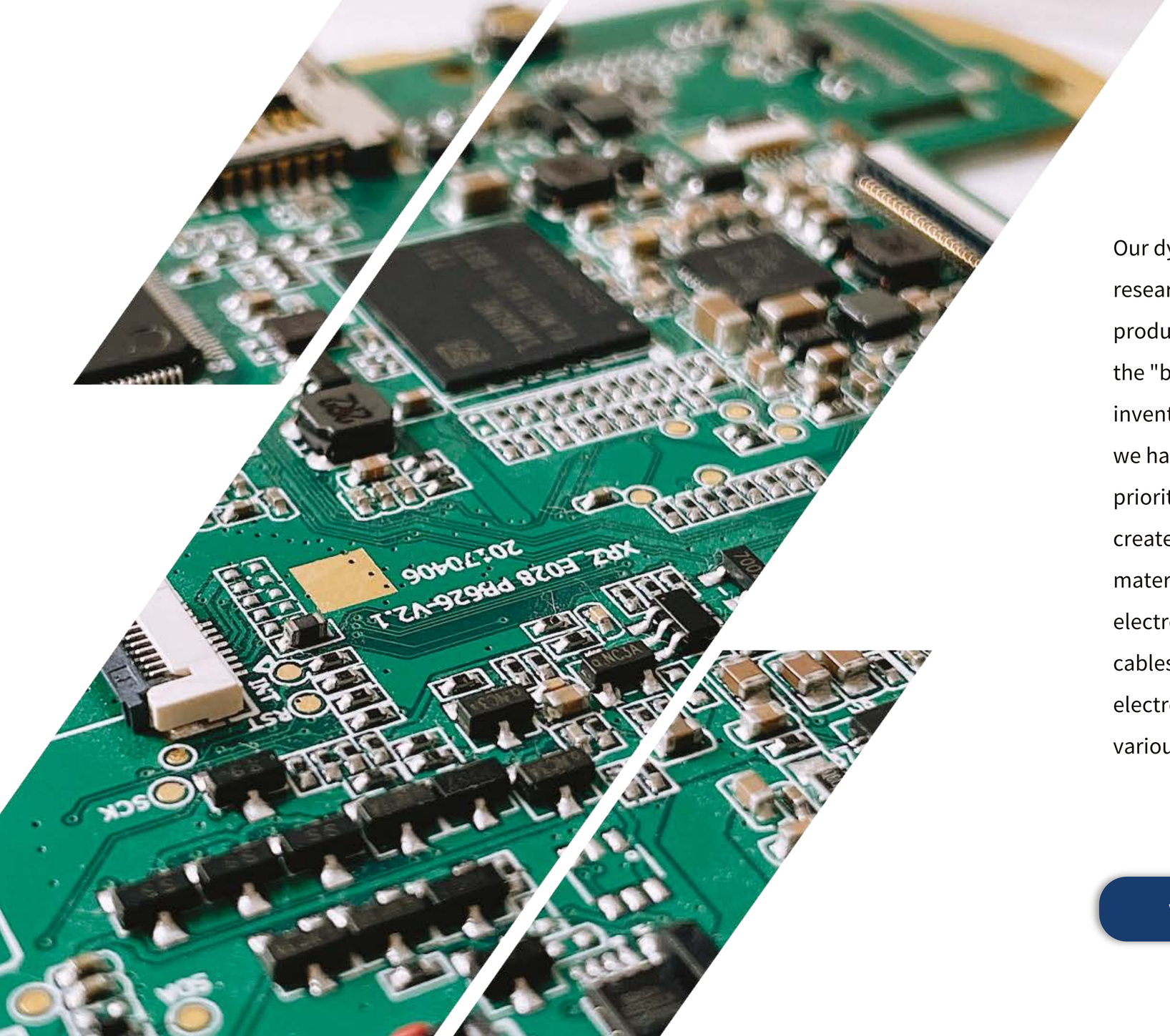
Fast Electronic Component Delivery

For your urgent orders, we ensure the delivery of products in the shortest time possible with the possibility of loading on the same day.

About Us

Demsay Elektronik

Demsay Elektronik meets your electronic component requirements by obtaining shipments from the world's leading electronic components suppliers. We provide weekly shipments from the US, Europe, and the Far East. With procurements from global distributors, we ensure timely delivery of high-quality supplies, while with our Far East shipments, we import hard to find products and cost effective alternatives.



Our dynamic and professional team conduct detailed research about the products you need and supplies the products as soon as possible. We have always sought for the "best price and best quality service" concept with our inventive and self-development oriented structure, and we have been servicing the electronics sector by prioritizing customer happiness since the day we were created. Electronic components such as semiconductor materials, passive components, connectors, electromechanical components, transformers and coils, cables, PCBs, and LED/LCD/TFT Displays are among the electronic materials we import from global distributors in various regions of the world.

www.demsay.com

Mission and Vision

Mission

With procurements from global distributors, we ensure timely delivery of high-quality supplies, while with our Far East shipments, we import hard-to-find products and cost-effective alternatives.

Our dynamic and professional team conducts detailed research about the products you need and supplies the products as soon as possible.

Vision

We have always sought for the "best price and best quality service" concept with our inventive and self-development oriented structure, and we have been servicing the electronics sector by prioritizing customer happiness since the day we were created.

Our Sales Charts by Years

2023

2023 Target Turnover

45.000.000 $

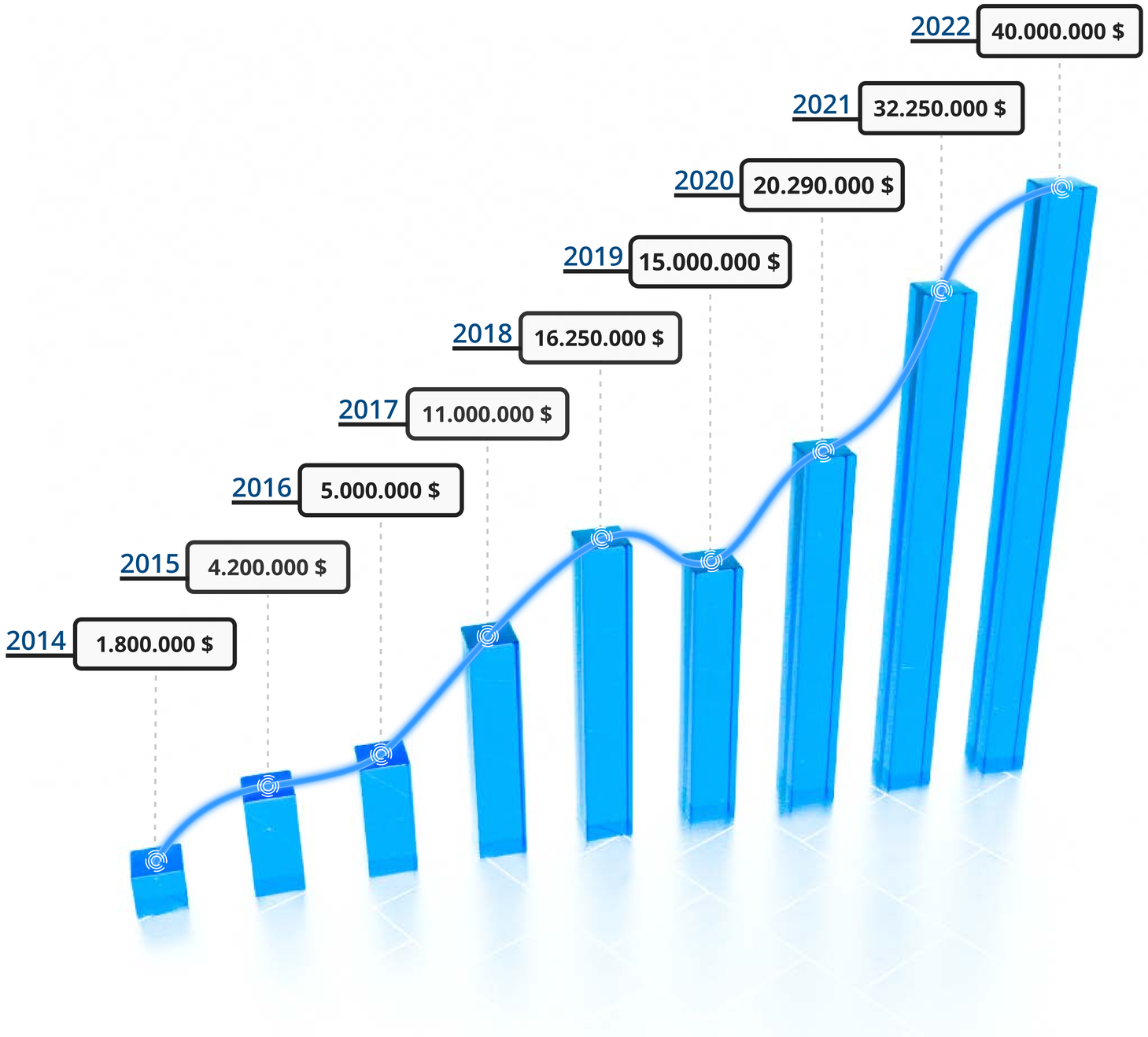
Turnover [2022] **40.000.000 $**

Since our establishment

1.677% we grew up

Contracted by our company

36 Manufacturer Available



SECTORS WE SERVE

As Demsay Elektronik Industrial, we are actively involved in the Telecommunication, Aviation, Automotive, Defense and medical sectors.

Industrial

Electronic components manage automated processes. They are responsible for practically all of the equipment utilized in businesses. Having reliable electronics increases output, shortens lead times and improves resource management capability.

Telecommunication

To satisfy the needs of future communications sector designs, communications, telecom, and data systems seek the highest power and smallest size.

Aviation

In the cockpit, electronic components assist the pilot in maintaining control of the aircraft, avoiding flight risks, and staying on course. The safety of everyone on board depends on having highly trustworthy equipment in the cockpit.

Automotive

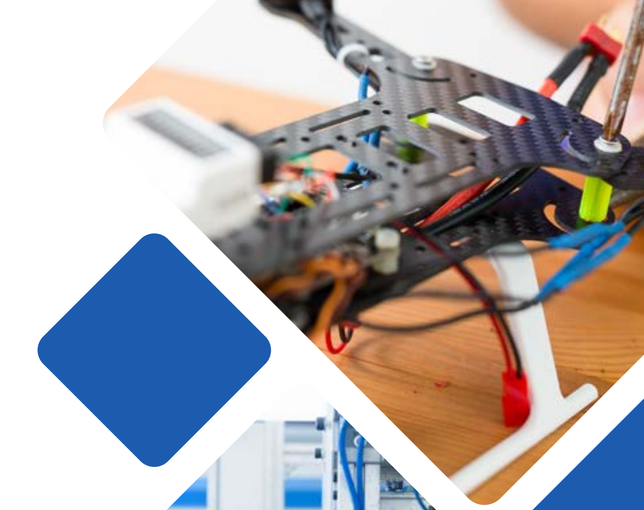
Many modern vehicles use ecologically friendly fuel sources, protect passengers from dangerous driving situations thanks to aerodynamic designs, breakthroughs in materials science, and clever engineering, and go further than ever before.

Defense

Electronic components support the defensive, offensive and logistics activities of all branches of the military. The operational capabilities to follow the systems and tactics required to complete the mission are provided by having reliable electronics.

Medical

Electronic components provide diagnostic, operational, life support and therapeutic functions that improve and sustain the healthcare industry. Having reliable electronic devices that support healthcare providers helps maximize benefit while minimizing cost.



Global Procurement

Headquarters
Istanbul / Europe

Anatolian Office
Istanbul / Anatolia

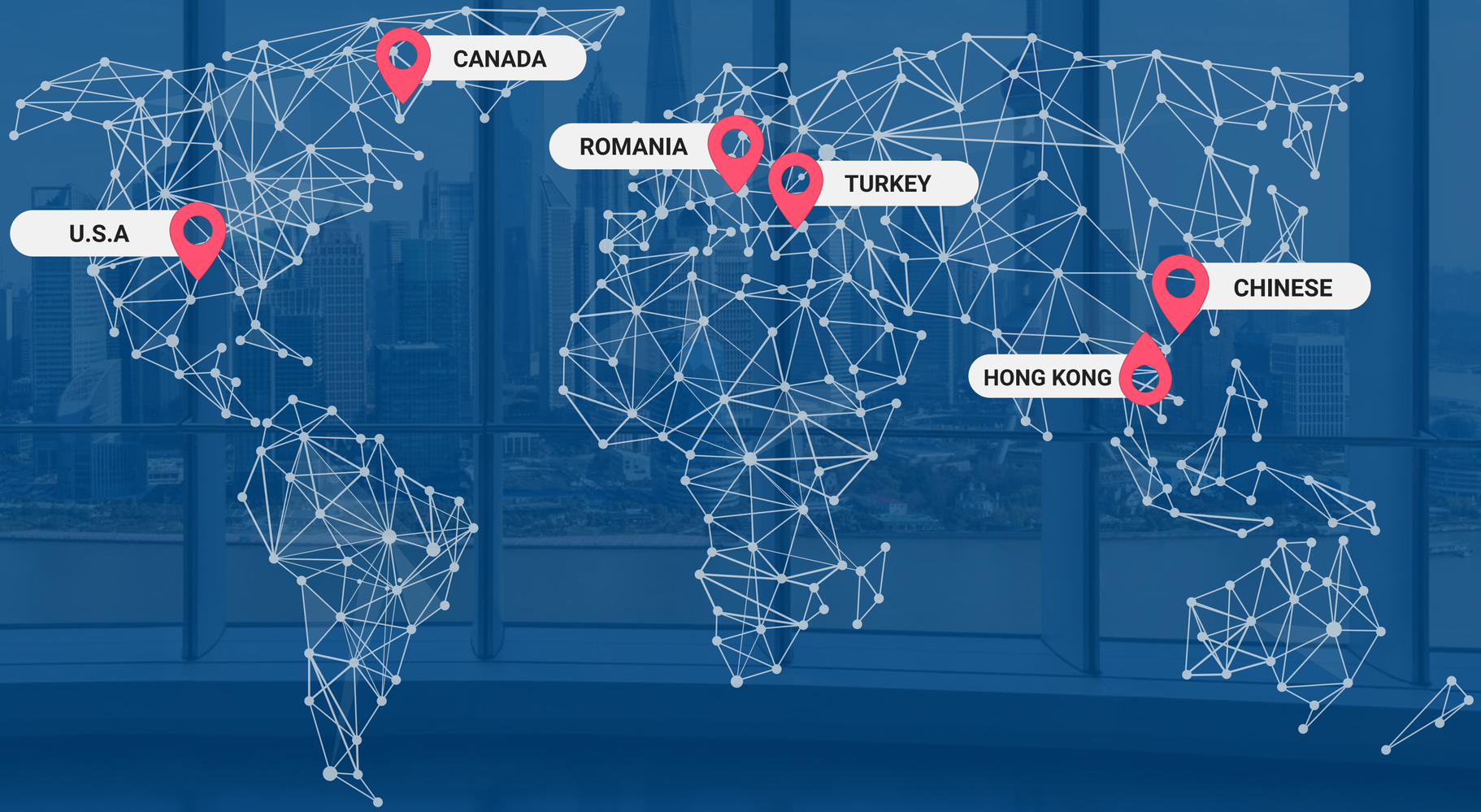
U.S.A Office
Florida

Canada Office

Far East Office
Shenzhen / China

Europe Office
Cluj Napoca / Romania

Far East Logistics Center
Hong Kong



Demsay Elektronic

Company Tag

Active and Passive Components, Connectors, Transformers and Coils, Electromagnetic Components, Cables, LED&LCD&TFT, PCBs and other electronic component types

Electronic Component

PCB «Printed Circuit Board»

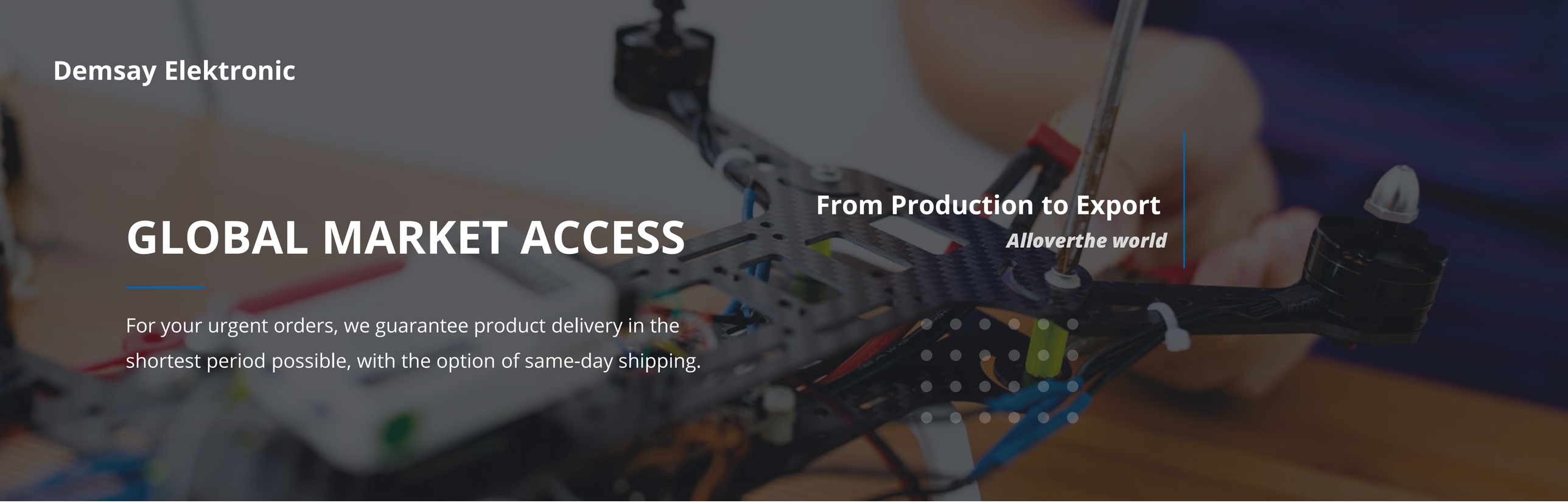
Consumer Electronics

SMT THT Production

Supply and Production Services

Uzun yıllardır iş ilişkisi içerisinde olduğumuz ve karşılıklı bir güven oluşan tedarikçilerimizden temin ettiğimiz ürünlerimiz Çin'de bulunan merkez ofisimize gönderilmekte ve burada işinde uzman bir kadro tarafından orijinallik testlerine tabii tutulmaktadır. Bu aşamadan sonra müşterilerimize ürünlerini teslim etmekteyiz.

Demsay Elektronic



GLOBAL MARKET ACCESS

For your urgent orders, we guarantee product delivery in the shortest period possible, with the option of same-day shipping.

From Production to Export

Alloverthe world

Establishment Date

2014

Our company, which was established in June, 2014, continues its progress without slowing down.

Number of Employees

113

Our total number of employees in Demsay Elektronik and its subsidiaries in 2022.

Number of Shipments

15 -17

The number of our weekly shipments from overseas contracted cargo companies in line with the needs.

Our Turnover

40 Million $

Our target turnover reached in 2022. We are increasing it every year.

WHY U.S

For your urgent orders, we guarantee product delivery in the shortest period possible, with the option of same-day shipping.

REASONABLE PRICE

We are able to offer the cheapest pricing because of our many manufacturer/distributor partners with whom we have great relationships and access to various sources throughout the world.

GLOBAL REACH

We can access many sources directly thanks to our branches, partner offices, and loading points in many areas across the world.

FAST DELIVERY

With our rapid shipping, large network, and import knowledge, we are the firm that supplies the fastest electronic components in Turkey.

PRODUCTION

We bring you our products, which are produced and developed in accordance with international standards in our factory, at affordable prices.

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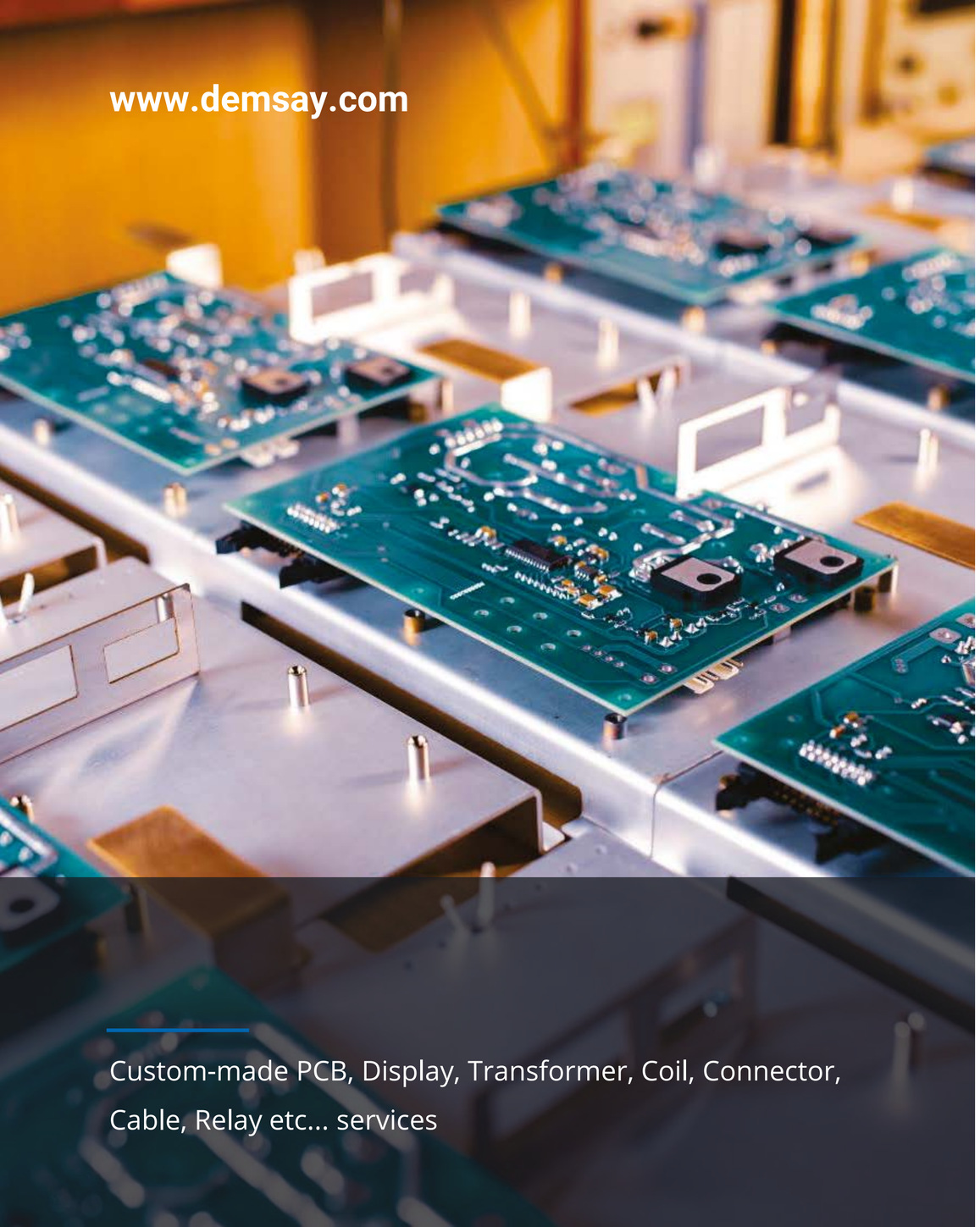
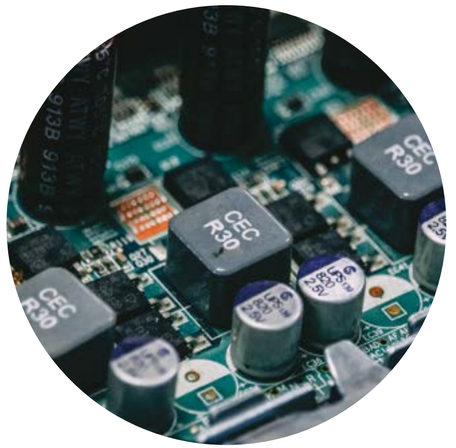


www.demsay.com

Custom-made PCB, Display, Transformer, Coil, Connector, Cable, Relay etc... services

Far East Product Procurement



WithDemsayElectronic

Demsay Elektronik is able to get products in stock in China through their location in Shenzen, China. It can deliver products to its customers not only in China, but also in Japan, Korea, Taiwan, Hong Kong, India, and Malaysia, thanks to its Hong Kong warehouse. We organize weekly Far East Shipments on a regular basis. The products in these downloads are sent to their owners within a week.

Our products are shipped to our head office in China, where they are inspected for authenticity by an expert staff. We receive our products from our suppliers, with whom we have had a long-term commercial connection and mutual confidence. After this stage, we supply the merchandise to our consumers.

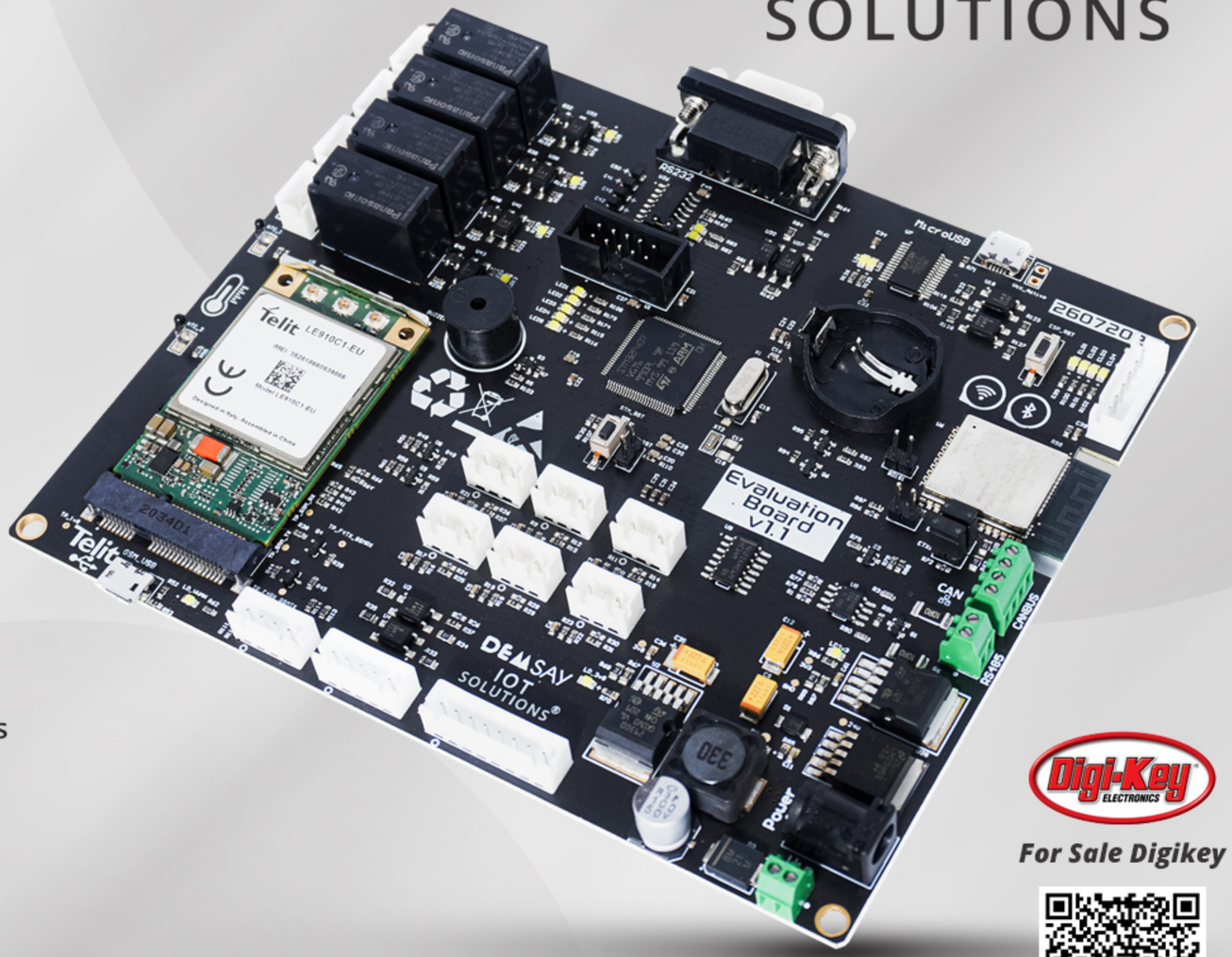
Our Products

www.demsay.com

DEMSAY

IOT SOLUTIONS®

EVALUATION BOARD



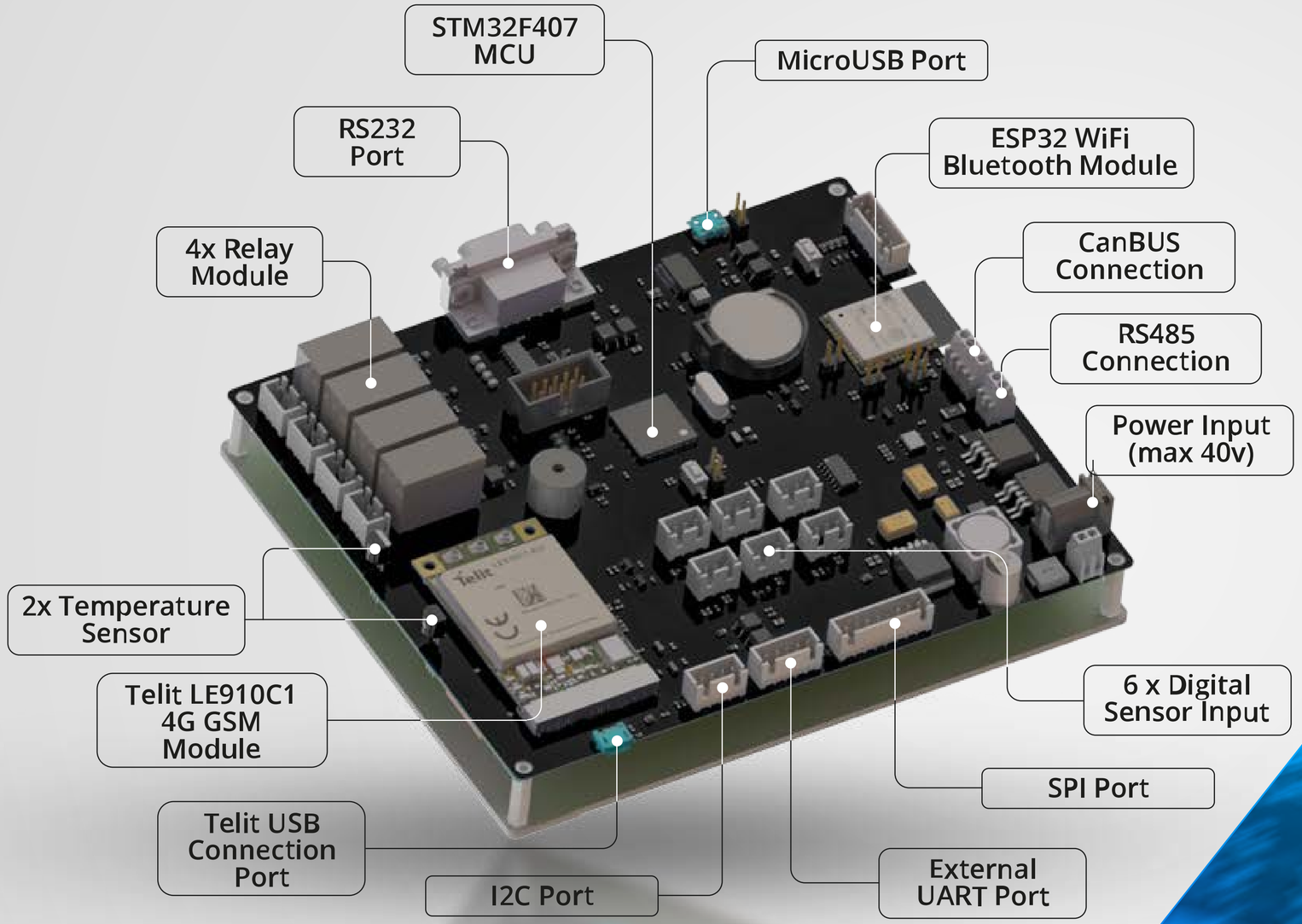
On Demsay development board; There is a microcontroller with 168 MHz ARM Cortex M4 architecture. Alsa, It has RS485 connection, canbus connection, Micro USB connection, Bluetooth and Wi-Fi wireless connection, Telit LE910C1 Mini PCIE Form GSM connection, touch screen connection. Thanks to this connection structure, you can quickly perform your tests in your project and make all your developments quickly without the need for hardware design.

APPLICATION

DASHBOARD

Digi-Key ELECTRONICS

For Sale Digikey



DEMSAY

EVALUATION BOARD

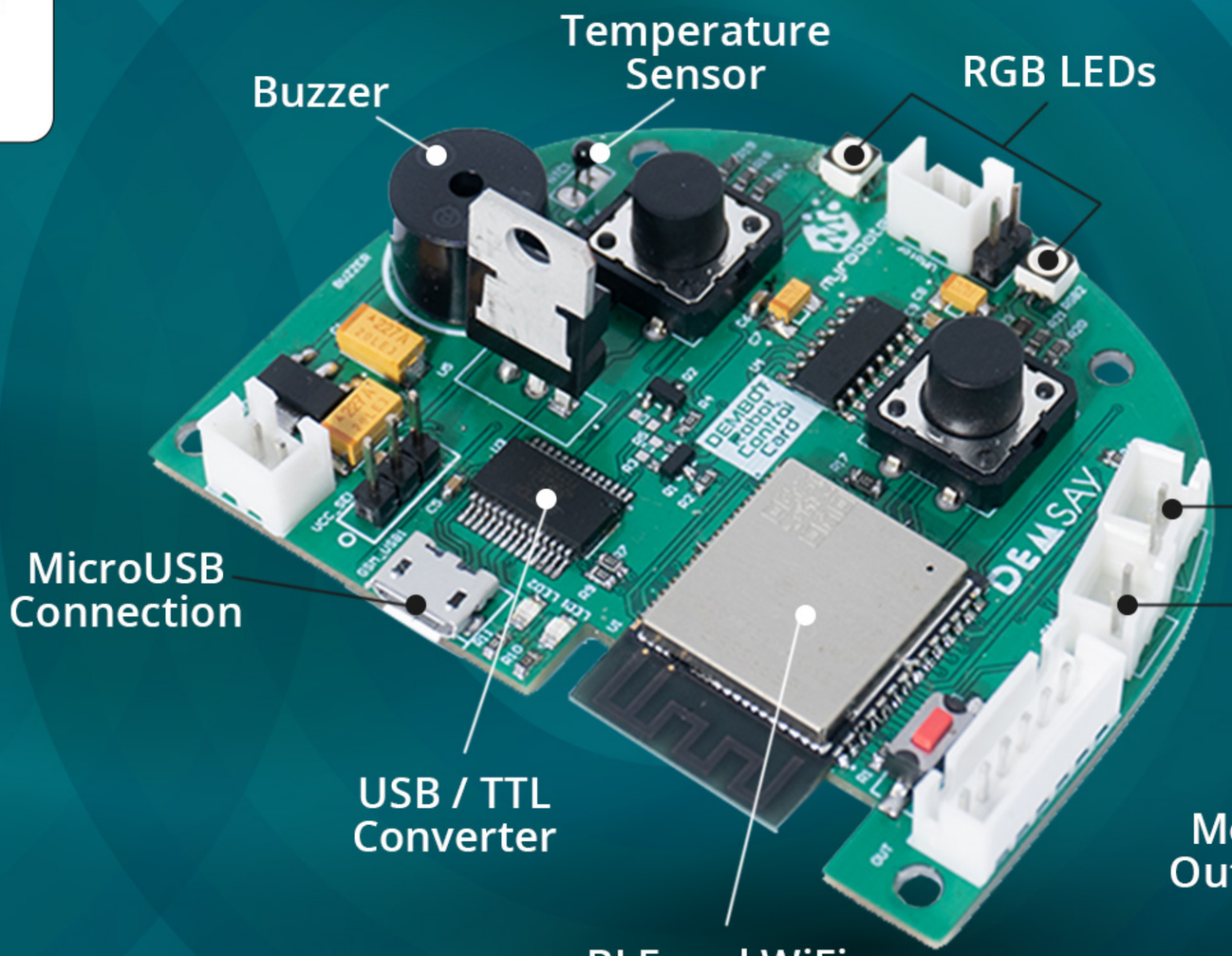
www.demsay.com

DEMBOT

DEMBOT CAN BE PROGRAMMED WITH ARDUINO IDE AND WILL BE ADDED TO THE MBLOCK PLATFORM VERY SOON.

Thanks to the ESP32 processor, it has bluetooth and Wi-Fi connectivity. It can control 2 motors independently of each other. At the same time, it allows the development of original software with 2 LDR sensors, 2 button inputs and 2 RGB LEDs.

- ESP32 BT - WiFi MCU
- Bi-directional 2 motors drive
- 2 button inputs
- Micro USB connection
- Buzzer output
- 2 RGB LEDs
- Programming with mBlock
- Programming with ArduinoIDE



DEMEVAL

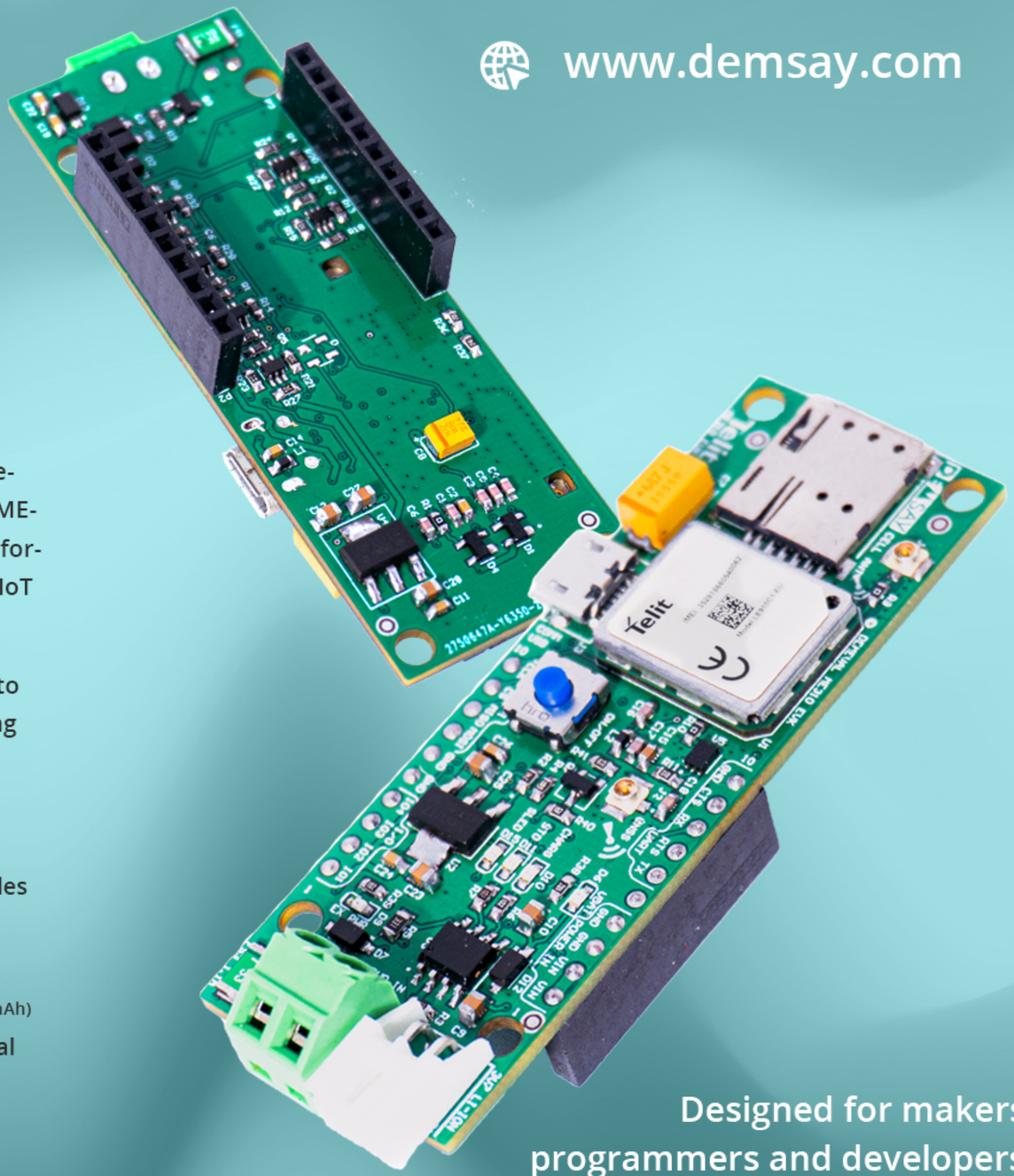
www.demsay.com

ME310 EVALBOARD

DEMEVAL ME310 EVK is a tool for quick and easy evaluation of our modules and re-sources, ideal for building a working proof of concept for your IoT device idea. DEME-VAL ME310 EVK provides global cellular narrowband connectivity with a high-per- for-mance GNSS receiver. DEMEVAL ME310 EVK is a complete yet extremely compact IoT development platform.

DEMEVAL ME310 EVK can be used either alone or expanded with 2.54mm header to any board. The DEMEVAL ME310 EVK provides the most commonly needed building blocks to develop, prototype and deploy IoT applications.

-Easy to use, ideal for rapid IoT application design
-Mounts ME310G1-WW, one of the most compact and power-efficient cellular modules available on the market, featuring LTE Cat M1/NB2 connectivity and 2G fallback
-High-efficiency battery charging circuit
-Powered either from a computer USB port or Li-ion battery (3.7 V, minimum capacity 700 mAh)
-Microprocessor interfaced to the cellular module through UART interface; additional dedicatedUSB port for cellular module
-Connectors exposing UART, SPI, GPIO.



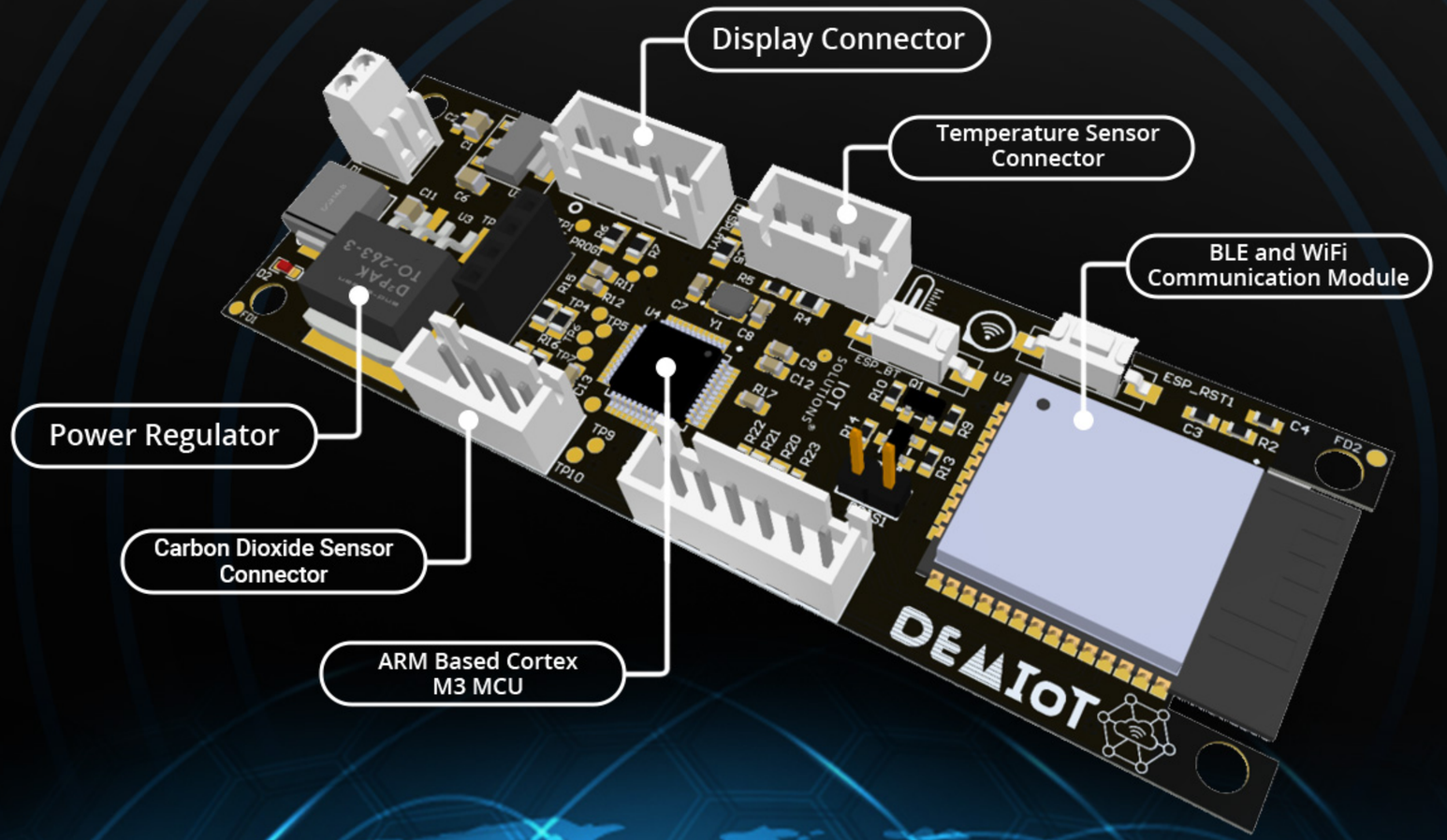
Designed for makers, programmers and developers.

Our Products

DEMIoT

The Demiot card is designed to improve Bluetooth and Wi-Fi applications. The card has temperature, moisture sensor and carbon monoxide sensor inlet on the card. With multiple demiot cards, the Wi-Fi Mesh connection can communicate with the cards.

There are 1 master device and 2 slave devices in the demo application. Each device show its own temperature and carbon dioxide value on the screen. At the same time, the Slave devices sends the sensor values measured by Wi-Fi mesh connection to the master device.



www.demsay.com

OUR PORDUCTS

Liabilities	Electro Mechanicals	Display Components	Semiconductors	Connectors
Capacitor	Switch	7 Segment	Amplifier	PCB to PCB
Resistor	Relay	LED Display	Converter	Cable to Cable
Inductor (Coil)	Sensor	Character LCD	Memory, Storage	FPC/FFC Connector
Transformer	Fuse	Graphic LCD	Transistor	D-Sub Connector
EMI Filter	Motor	OLED	Mosfet	USB Connector
Ferrite Bead	Speaker	TFT	Diode	Coaxial Connector
Crystal	Buzzer		Thyristor	Pin Header
Oscilator	Power Supply		Triac	Terminal Block
RTC	Potentiometer			Integrated Socket
Varistor	We have weekly regular shipments from the United States, Europe, and the Far East.			IP67 Resistant
Antenna				Connector

DEMSAY ELEKTRONIC

Worldwide Product Supply

We create the most suitable budget for you by getting instant price offers from the brands we represent.

DEMSAY ELEKTRONİC

International Quality Management

Certificate of Quality

ISO 45001 : 2018

ISO 9001 : 2015

ISO 14001 : 2015

ES-101 C

MACHINE TRACK

Our machine park equipped with international standards
for Electronic Card Type and Design.

SMT 1

ASM E BY DEK SERIGRAPHY PRINTING MACHINE	
YAMAHA YSM20 ASSEMBLY MACHINE	90.000 CPH (63.500 CPH IPC 9850)
BTU PYRAMAX 100P REFLOW OVEN	
KOHYOUNG 3D AOI	3D

SMT 2

DEK HORIZON SERIGRAPHY PRINTING MACHINE	
TRI TR 7007 SII PLUS 3D SPI	3D
YAMAHA YSM20 ASSEMBLY MACHINE	90.000 CPH (63.500 CPH IPC 9850)
YAMAHA YS12F ASSENBLY MACHINE	36.000 CPH (24.000 CPH IPC 9850)
BTU PYRAMAX 100N REFLOW OVEN	
TRI TR7700 SIII 3D AOI	3D

SMT 3

SJ INNO TECH HP-520S SERIGRAPHY PRINTING MACHINE	
YAMAHA YSM20 ASSEMBLY MACHINE	90.000 CPH (63.500 CPH IPC 9850)
ER-66 REFLOW OVEN	

WASHING MACHINE

OB-225F TEST CHAMBER

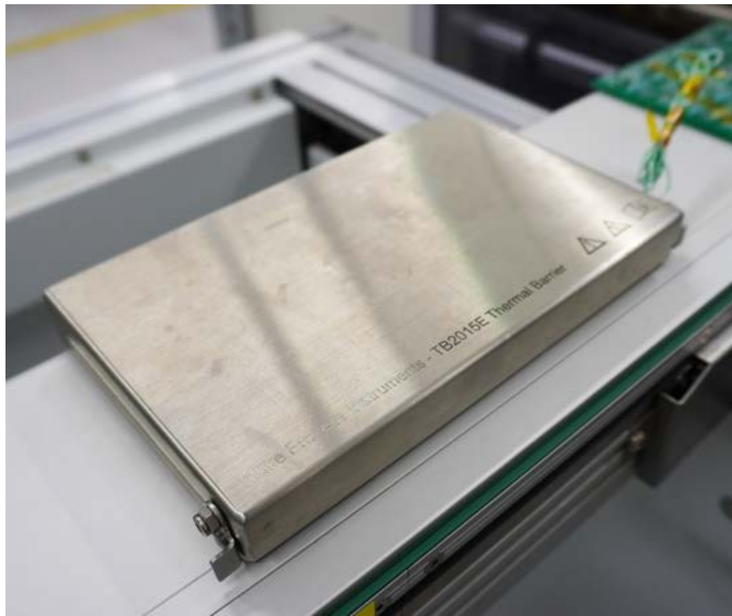
NITROGEN

HWTT-350 LEADFREE WAWE SOLDERING POT

YXLON CHEETAH EVO X-RAY INSPECTION MAKİNASI

NORDSON SELECT INTEGRA 508.2 2 SELECTIVE SOLDERING MACHINE

FLUKEDATAPAQ DP5 DATA LOGGER



DEK Horizon 8

Fully Automatic Solder Paste Printing Machine

The fully automatic printing machine applies cream solder to the PCB surface using stencils produced on a project basis. Our machine prevents the formation of unwanted deposits on the PCB surface, thanks to the alcohol-based cleaning cloth, and prevents possible short-circuits.

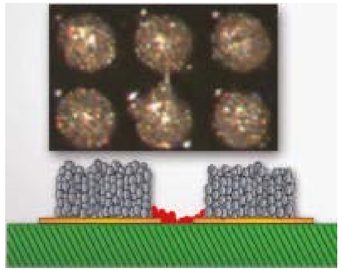
TR7007 SII Plus

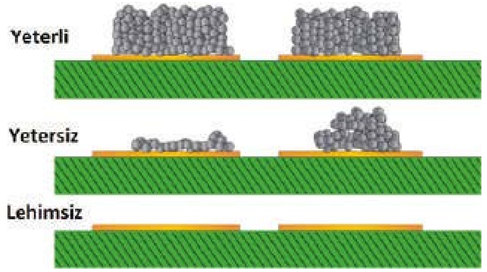
Solder Paste Inspection Machine

The SPI machine detects any inconsistencies in the solder applied with a Solder Cream Machine and ensures debugging before it goes into production. Thanks to this machine, short circuits between solder surfaces, if any, can be detected easily.

Furthermore, by specifying the desired solder volume values, cards with solder volumes less than this are improperly segregated, and potential issues are addressed right at the start of the process.

Short Circuit Detection





YAMAHA YSM 20

Typesetting Machine

Our YSM-20 typesetting machines, which are the fastest in their class, can use all your material reels from 8 mm to 52 mm, and all of your materials in the tube and tray in production. It can assemble components at Cpk ≤ 1.0 ± 0.035 mm, 3σ ± 0.025 mm precision, 180.000 – 127.000 Component/Hour (IPC - Practical).
Maximum PCB dimensions: L 810 mm x W 490 mm.

BTU Pyramax 100N

Curing Furnace

Our curing furnace, which has 16 heating zones, 8 upper / 8 lower, prevents possible oxidation states on metal surfaces during brazing, thanks to its Nitrogen production option. At the same time, it allows taking very sensitive temperature profiles on your cards with 6, 8 or more layers.

TR7700 3D

Component Inspection Machine

With the 3D Automatic Inspection machine, the final checks of the card are carried out with examinations such as directional control of the materials in the cards, control of the soldering of the material, and possible short circuit control between the legs of the material.

HB-350

Wave Soldering Machine

Crucible: Front and rear double wave, oblique jet front wave, stagnant wide unidirectional trailing wave
- Maximum PCB Dimensions: L 600 x W 350 x H4 mm
- Minimum PCB Dimensions: L 60 x W 60 x H 0.4 mm

Our Manufacturers

Zeasset Electronic

Shenzhen Zeasset Electronic Technology Co., Ltd specializes in the R&D, manufacture and marketing of industrial aluminum, electrolytic capacitor and EDLC. It is a national high-tech enterprise with a quarter of its employees being engineers. It is a company with ISO9001:2008, ISO140000, UL certificates, 5 years of R&D experience and 20 patents.

Snap-in Capacitors

- Size: Φ22–Φ42
- Voltage: 10V–600V
- Capacitance: 39μF–56,000μF
- Load life: 10,000h (105 °C)

Screw Capacitors

- Size: Φ35–Φ100
- Voltage: 10V–700V
- Capacitance:1,000-680,000μF
- Load life: 20,000h (85 °C)

Super Capacitors

- Size : Φ22–Φ60
- Voltage: 2.5V–2 .7V
- Capacitance: 0.5F–3000F
- Load life: 700,000cycles(65 °C)

ZEASSET
ELECTRONIC TECHNOLOGY

www.zeasset.com

Our Manufacturers

Gaptec

Gaptec Electronics was established in 2010. GAPTEC Electronics, which has more than 30 years of expertise in the global power procurement business, focuses on market demands and meets them. That's why Gaptec Electronics has focused on voltage converters (AC-DC, DC-DC and LED drivers), providing field-specific converters and modules with standard isolation and industrial voltages, along with the pin arrays commonly used today.

GAPTEC®
GREEN TECHNOLOGY

www.gaptec.net

DC-DC Converter

- 1500VDC isolation
- High Efficiency up to 78%
- Operating temperature: -40°C ~ +105°C
- Short circuit protection (SCP)
- MTBF >1,000,000 hours
- Power density 0.36W

DC-DC Converter

- SIP7 sheath / 2:1 wide input voltage range
- 3kVDC Insulation / High efficiency up to 83%
- Fixed output voltage
- Operating temperature: -40°C to +85°C
- Short circuit protection (SCP)

AC-DC Converter

- Wide input voltage range: 85-305VAC & 70-430VDC
- SIP sheath (L x W x H) 32.00x17.20x15.05mm
- 3000VAC/1 Min. Insulation
- No-load power consumption: 0.1W
- High efficiency up to 83%

Switching Regulator

- SMD open circuit - 12.5x13.5x3.5mm (LxWxH)
- High efficiency up to 93% / SMD sheath
- It doesn't need a cooler.
- Wide input voltage range up to 36VDC

Our Manufacturers

Apacer

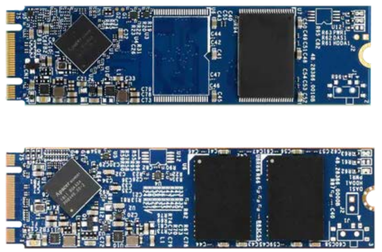
Apacer is the world's leading manufacturer of research and development, design, manufacture and marketing of industrial solid-state drives (SSD), consumer digital products and memory modules. Since its founding in 1997, Apacer has produced innovative products and served to deliver on its promise to help its customers "reach for the best". Global distributors, material makers, and retailers are among its clients. It serves the industrial control market as Apacer, providing high-performance, high-reliability, and high-value memory modules and flash memory solutions.

Apacer®

www.apacer.com

Anti-Sulfuration SSD

- Protected against corrosion.
- Data protection
- Long-lasting and durable
- AES 256-bit encryption
- Supports DataDefender technology



High Temperature Range DDR4 DRAM

- Operating temperature: -40 °C to +85 °C
- Rohs Compliant
- Halogen Free
- PCB: 30µ gold finger

Military SSD

- PCB with protective coating / Power loss management
- CoreEraser and CoreDestroyer
- TCG Opal supports 2.0/AES 256-bit encryption.
- Operating temperature: -40 °C to +85°C

Military DD4 DRAM

- PCB with protective coating / Rohs compliant
- Anti-shake certified MIL-STD-810G
- With thermal sensor / VDD: 1.2 V
- Operating temperature: -40 °C to +85 °C

Our Manufacturers

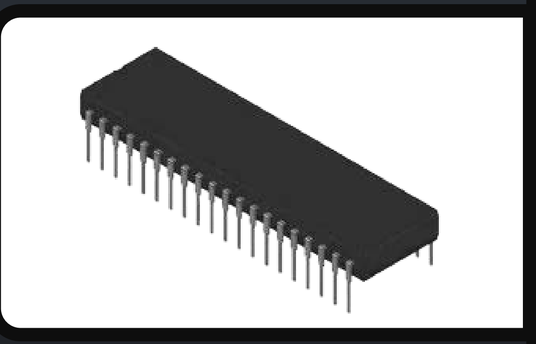
Megawin

Established in 1999 in Taiwan, Megawin Company has made it a top priority to pursue MCU research and development. Specializing in ARM Cortex-M0, 8051 MCU, Full Speed MCU and USB Bridge product groups, Megawin offers reliable products with ISO 9001, TÜV NORD CERT certificates. Megawin, which is becoming more well-known in the market, is the place to go for clients looking for an alternative to chips. As Demsay Elektronik, we are pleased to announce to you, our valued customers, that we are the distributor of Megawin in Turkey. Megawin company provides a reliable and fast alternative to chips in the allocation process.

www.megawin.com.tw

ARM-Cortex-M0-MCU

- Working Voltage:1.8 -5.5V
- Flash ROM 32KB / Data RAM 4096B
- Inter-Face:UART2 x2 (I2C)
- Max Operating Frequency: 48MHz / Comp:2
- Timer:(16 BIT) 5+ RTC / IO: 17/29/44
- Sheath Types: LQFP48,QFN32,TSSOP20



ARM-Cortex-M0-MCU

- Working Voltage:1.8 -5.5V
- Flash ROM 64B / Data RAM 8192B
- Max Operating Frequency: 48MHz
- Timer:(16 BIT) 5+ RTC / IO: 44/59
- 12Bit ADC: 16- CH / Comp:2
- Inter-Face:UART2 x7(I2C)x2 SPI/ QPI/ OPI

8051 Low Cost MCU

- Working Voltage:1.8 -5.5V
- Flash ROM 32KB / ACMP: 2
- Data RAM 2048B / PCA 1 / PWM 6-CH
- Max Operating Frequency: 36MHz
- Timer(16 BIT) 4+ RTC / LQFP48,LQFP64
- IO 43/55/ADC 12Bit, 10 CH / WDT- YES
- Features: UART2 x2 SPI, TWI(I2C)x2

8051 Low Cost MCU

- 8051 Low Cost MCU
- Working Voltage:1.8 -5.5V
- Flash ROM 64KB / Data RAM 4096B
- Max Operating Frequency: 36MHz
- Timer(16 BIT) 5+ RTC / PCA 1
- IO 59 / ADC 12Bit, 16CH / ACMP: 3
- Sheath Types: QFN48,LQFP48, LQFP64

Our Manufacturers

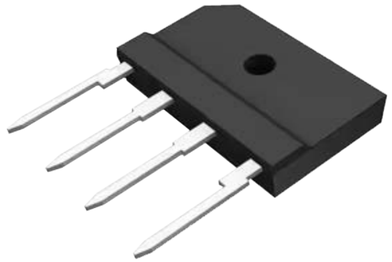
HY Cayman

HY Electronic (Cayman) Limited company is dedicated to product development, production and sales of Rectifier diode and Bridge Rectifier. HY has been in the Chinese market since 1984, and in 1992 Yangzhou HY Electronic Co., Ltd. was established after which it was changed into Yangzhou HY Technology Co., Ltd. And during this process, all production has been transferred to a fully automatic system. After these developments, annual diode and bridge rectifier productions exceed 2 billion. And the capacity is increasing by 20% every year.

www.hygroup.com.tw

Standard Bridge Rectifiers

- Low forward voltage drops - 1000W
- High Max. Voltage option
- High current surge protection
- Operating temperature range: -55 °C to 150 °C
- UL flammability certificate (94V-0)

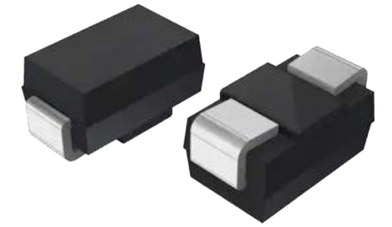


PV Solar Cell Protection Diodes

- SMD and THT sheath options (400 A)
- Max forward surge current protection
- High efficiency
- Low power loss

TVS Diodes

- SMD and THT options in different sheaths
- High Max forward surge current protection (200 A)
- Maximum signal power protection (1500W)
- Operating temperature range: -55 °C to 150 °C



ESD Protection Diode

- Low capacitance: 0.4 pF
- Maximum signal power: 1500W
- Rohs compliant
- Operating voltage range: 3-36 V

Our Manufacturers

Okaya

Founded in 1946 in Japan, Okaya is a capacitor manufacturer with a sales figure of 2.295 million today. Okaya, which has offices in locations such as America, Singapore, Thailand, Hong Kong and Japan, produces parafadur (module type, PCB and SMD), led (display and light source) and sensors (photo reflector, infrared led and photosensor). Sony Corporation, Panasonic Corporation, Canon Inc are some of Okaya's clients.

OKAYA

www.okaya.com

Voltage Surge Protector

- Operating Voltage AC150/ 275/ 480/ 550V,
- Pulse Current Capacity: 5000A(8/20µs),
- Operating Temperature Range -40 to 70 °C
- Safety Standards:UL, cUL, SEMKO

Noise Filter

- Operating Voltage: 250VAC,
- Working Current: 5 / 10 / 15 / 20 / 30A,
- Operating Temperature Range-25 to +55
- Safety Standards: UL, cUL, ENEC(SEMKO)

Our Manufacturers

Hongju Electronic

Shenzhen Hongju Electronics Co., Ltd. is a Far East company that produces all kinds of Electronic Switches, IEC Sockets and Fuse Housings with more than 10 years of production experience. All of our key products have passed UL, KTL, VDE, CE, CQC, CCC and other certifications. Our company has implemented the ISO9001:2008 management model and obtained the relevant certificates. All products have passed the SGS environmental protection test. They manufacture products such as Rocker switches, push button switches, Tiny tact switches, Torch switches, Toggle switches, Slide switches, Micro switches, DIP switches, Rotary switches, breaker switches, IEC C14, IEC C14+Switch, IEC C14+Switch+Fuse holders, IEC F (C13). 5*20 Fuse slots, 6*30 Fuse slots, Fuse blocks, etc.

HONGJU®

www.szhongju.com

Rocker Switches

- Mounting type SMD and THT
- Current range 5-16 Amps

IEC Power Sockets

- Has UL, CSA, CCC, VDE, CB certificates.
- 10A 125V 6.3A 250V, UL 94V2 Fire class

Push Button Switches

- Mounting type SMD and THT
- Sealed and unsealed options

Toggle Switches

- Has two-stage ON-OFF, two-stage ON-ON, and three-stage ON-OFF-ON
- AC DC Options

Our Manufacturers

Microcrystal

Micro Crystal AG was founded in Switzerland in 1978 as a company producing crystals for watches and is a member of the SWATCH Group. Today, it produces Quartz Crystal, Real Time Clock, Oscillator and OXCO for the world's leading consumer electronics manufacturers. Its products are used in applications requiring high reliability such as mobile phones, computers, automotive electronics, watches, industrial control equipment and medical supplies.

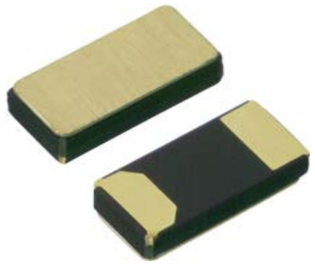
MICRO CRYSTAL SWITZERLAND

www.microcrystal.com

Rocker Switches

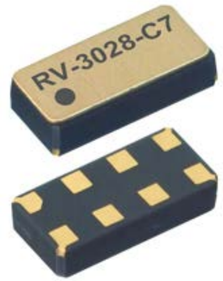
- Working Voltage:1.8 -5.5V
- Low tolerance / Very low power consumption
- Wide operating voltage range: 1.6 – 5.5V
- Ultra small size and light weight (3.1mg)
- Wide operating temperature range: -40 to +85°C
- Shock and vibration resistant RoHS, lead free / AEC-Q200

Quartz Crystal



- Working Voltage:1.8 -5.5V
- Low tolerance / Mild: 2.4mg
- Ultra small size: 1.6 × 1.0 × 0.50 mm
- High Stability shock and vibration
- Wide operating temperature range: -40 to +85°C
- RoHS, lead free / AEC-Q200

RTC Module



- Low power consumption: 160 nA @ 3 V.
- Wide operating voltage range: 1.2 V to 5.5 V
- Time Accuracy -40°C +85°C, ±3 ppm
- 12-bit Temperature Sensor
- User configurable encryption
- Automatic backup and system switching
- Timer, alarm and external functions
- EEPROM 32 bytes / Ram 16 bytes RoHS, lead free / AEC-Q200

- Working Voltage:1.8 -5.5V
- Low power consumption: 45 nA @ 3 V
- Wide operating voltage range: : 1.1 V to 5.5 V
- Time Accuracy –±1 ppm @ 25°C
- User configurable encryption
- Automatic backup and system switching
- Timer, alarm and external functions
- Fixed memory: 43 bytes / RAM: 2 bytes RoHS, lead-free / AEC-Q200

Our Manufacturers

SFI Electronic

SFI Electronics Technology Inc. was established in January 2000. It is a professional manufacturer of protective components in the circuit. They produce Varistors (also called Transient Voltage Suppressors), EMI Filters (Noise interference) and EMI/ESD Filter (Noise interference and electrostatic discharge). SFI continues to expand its market and worldwide sales with its own brand “SFI”. SFI has a strong marketing team and alliance agents to serve and support customers. Material development, strict production management, largest production capacity and fastest delivery service are important to gain a competitive advantage in product supply.

www.sfi.com.tw

Its strong points are the CSPD series. There are 4 variants of this series.

SHC (High Current) / Application

- 1206 – 4032 sheath range and DIP option.
- Operating voltage in the range of 9V-65V.

SHN (Network) / Application

- 0806-2220 sheath range and DIP option.
- Working voltage in the range of 9V-65V.

SHA (Automotive) / Application

- 1206 – 4032 sheath range and DIP option
- Operating voltage in the range of 16V-34V.
- The boost time is in the range of 5ms-15ms.

SHV (High Voltage) / Application

- 0806-2220 sheath range and DIP option.
- Complies with SHV, UL and CUL certification.
- SHV can withstand the action of multiple surge currents.

Our Manufacturers

Sunhans

Established in Shenzhen in 2008, Sunhans Technology (HK) LIMITED is an innovative technology company mainly focusing on R&D, manufacture, sales and service of mobile signal repeaters, 4G Router and Wireless products. So far, its products have been sold to more than 100 countries all over the world and provided OEM/ODM service. They also provide R&D support in NPD, software, hardware, test and project issues. It is among the top manufacturers of mobile signal repeaters, routers, wireless products and product accessories.

www.sunhans.com

Mobile Signal Repeater

- Input Power: -70 ~ -40 dBm
- Power supply: 5V/2A DC, 100-240V
- Maximum link gain: 62dB Maximum downlink: 65dB

4G WiFi Router

- Processor: MDM9207
- WiFi: Support IEEE802.11 b/g/n
- LCD Screen: TFT 1.44Inch 128*12

Wireless Product

- Output power:4000mW input power: 0-2222mW
- Power adapter: 12V/2A DC, 100~24

Product Accessories

- Frequency: 690 - 2700MHz
- Connector Type:RP-SMA male

Our Manufacturers

Coto Technology

Coto Technology is a manufacturer of high-precision reed switches and magnetic sensors. Since it was established, Coto Technology, which places a high value on innovation, has held a prominent position in the industry. Users may choose from the reed switch, magnetic sensor, TMR magnetic sensor & switch, and molded reed switch products from Coto Technology.

www.cotorelay.com

TMR Magnetic Sensor and Switch

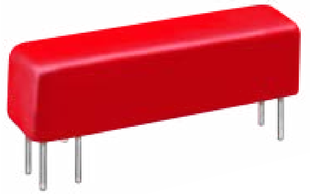
- Low power consumption
- High sensitivity, Small case
- It can be used in security, measuring, medical, automotive and industrial areas.
- Hall effect sensors and Reed switches
- An alternative new technology product.

Cotoclassic Relay

- They are relays with small size and high reliability. ATE Industrial Standards
- High insulation resistance. Magnetic shielding
- High speed shutdown compared to electromechanical relays
- Hermetically sealed for long life

Molded Reed Switch

- SMD / 5W,10W Working Power
- High strength sheathing
- Longevity and reliability. RoHS compliant



Cotomos Relay

- High performance and long life due to low power input.
- ATE Industrial Standards
- 4-6-8 Pin options for THT sheath and 4-8 Pin SOP sheath alternative
- The current switching capacity, which can switch from 40V to 600V, ranges from 30mA to 4.5A.

Our Manufacturers

Greatecs

GREATECS is a leading manufacturer of quality electronic components with a strong and innovative reputation. It specializes in the design, development and manufacture of switches, potentiometers and optoelectronics. With more than 6 million switch and potentiometer options, it can satisfy the needs of its customers with an affordable price and high-quality product policy.

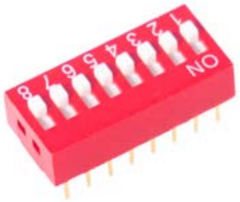
GREATECS products have passed a number of international quality and safety approvals such as UL, CSA, SAA, VDE, TUEV, SEV, and SEMKO. These give GREATECS confidence in providing you with premium quality products. They willingly offer every customer professional service, reliable quality, reasonable price and prompt delivery.

冠偉科技 GREATECS

www.greatecs.com

Dip Switch

- SMD and THT
- Sealed or unsealed
- Tube and T/R package



Encoder

- Horizontal and vertical type
- SMD and THT

Potentiometer

- Without Switch and with switch
- Horizontal and vertical type

Sensor

- Inductive Sensors Capacitive Sensors
- Photo Electric Sensors 2.NC and NO sensors

SMD Switch

- 130-260 gf range
- Switch height 1.5-2.5 mm

Our Manufacturers

ATI “AsiaTech” LED

AsiaTech Incorporation Limited (ATI) is located in China's international underground train JIANGSU province. It is on its way to becoming a global manufacturer of LEDs. ATI has focused on top quality LED components and LED lightings since 1998 in China. With an annual manufacturing capacity of 3 million LEDs and ISO9001, CE, and ROHS certificates, the company is one of the top LED manufacturers.

Today ATI has become one of the top manufacturers of quality LED components and LED lighting, such as SMD LEDs, segment LED Displays, LED Dot matrix Displays, super flux LEDs, Hollow LEDs and LED lights.

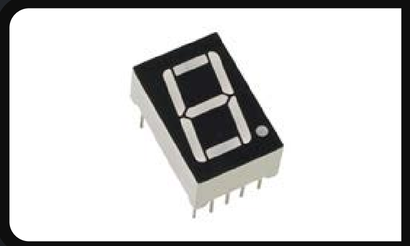
www.ati-led.com

LED

- Emitting color: red, white, yellow, orange, yellow green, blue, pure green, etc.
- Angles: 10°, 15°,30°, 40°, 60°.

Segment Display

- Colors: red(640nm), yellow green (572nm), pure green(525nm), yellow(590nm), blue(460nm)
- IC Compatible, Easy assembly
- High light intensity, wide viewing angle, long and safe life.



LED’s Dot Matrix Display

- Available Size: Φ3.0mm, Φ3.7mm, Φ5.0mm, Φ7.62mm, Φ10mm
- Green product, gold and copper wire conforming to ROHS directive

High Power LED’s

- Wide viewing angle, high light intensity.
- LM-80 certified for white

Prinha LED’s

- High Speed response
- Lower power consumption

Our Manufacturers

Kinsun

Kinsun Industries Inc. It was established in Taiwan in 1986 and is a manufacturer specializing in RJ Jack, RF Antenna, Waterproof Connectors, USB Connectors and Stamping materials. Its products are used in Telecommunication, Industrial Applications, Medical, Automotive and many other industries.

KINSUN

www.kinsun.com

Top Input RJ Jack

- Modular Jack 3009 series Top Entry PCB JACK type, Standard, Press-Fit and Shunted
- It has pin array 8P8C with RJ45
- Convenience and eco-friendly press-fit construction

IEC Power Sockets

- Wide variety of PCB mount RJ45 Jack DIP types for data and signal transmissions
- LED light options in different colors including green, yellow, red and bi-color
- 1 to 8 port versions to simplify PCB layouts

Antennas

- 2.4 GHz Rotary Antenna, RF Antenna, UHF Antenna, Antenna Module, Laptop Antenna, DVB-T Antenna, Car Antenna, GSM Mounting Antenna, GSM Mounting Antenna, PCB Antenna are produced.
- High quality products and competitive prices.

Waterproof Connectors

- Offers a wide range of quick-lock RJ45 waterproof connectors that make connections fast, simple and reliable
- Communication in industrial applications such as LED displays, automated systems and outdoor devices

Our Manufacturers

Harting

Harting Technology Group Founded in 1945; is a global manufacturer of connectors used in data, signal and power transport. Harting is a leading company in the production and development of connectors with high quality standards. Harting products mainly; It is used in areas such as railway technologies, wind energy facilities, medical, data transfer applications, and the automatic industry. The most widely used products are Han and PushPull Connectors.

www.harting.com

DIN Power Connectors

- Current Range: 6A to 15A
- IEC 606032
- Low contact resistance due to thinned contact surfaces

HAR Modular

- PCB Connector system gives you more than a billion combination possibilities for data, signal and power.
- Possibility to create your own connector by choosing between signal, power and custom modules

IX Industrial

- An alternative to RJ45 that provides PCB space advantage
- Cat. for 1/10 Gbit/s Ethernet at a control level. It can produce 6A performance.
- Industry 4.0 and IoT applications

PushPull Plug Connectors

- With an easy-to-use body that can be used in a wide variety of applications for data, signal and power transmission
- It reliably protects against EMC.
- An ideal solution for Ethernet applications

Our Manufacturers

Antenova

Founded in the UK in 2001, Antenova is one of the world's leading companies producing high-performance antennas for wireless M2M, IoT and consumer electronics. Our ready-to-use antenna solutions provide low power consumption and reliable performance for wireless M2M, IoT and embedded electronics applications. In-depth antenna integration support ensures devices achieve maximum wireless efficiency and comply with all required approvals. It offers RF Antenna solutions compatible with wireless connection applications such as GSM, CDMA, 3G, 4G, LTE, GPS, GLONASS, Beidou, Wi-Fi®, Bluetooth®, ZigBee® and ISM.

antenova®

www.antenova.com

WiFi and Bluetooth

- Size: 4.0 x 3.0 x 1.1mm
- Efficiency: 65%
- Frequency: 2.4 – 2.5GHz

GPS and GNSS

- Frequency: 1575MHz
- Size: 9.0 x 9.0 x 1.8mm

CELLULAR

- Frequency: 791–960 MHz / 1710–2170 MHz
- Efficiency: 70% / 60% / 60% / 50%
- Size : 23.0 x 8.0 x 3.3mm

Our Manufacturers

Rafi

In more than 100 years of history, RAFI has grown into an international high-tech company. Command and signaling devices are ideal for use in the electrical engineering, machine, plant and vehicle construction sectors. Because they are robust, insensitive to environmental influences and offer large actuation and display areas, so that they can also be operated with gloves without any problems.

RAFI

www.rafi-group.com

Emercency Stop Switches

- Emergency stop with M12 connection: RAMO E switches are designed with two NC contacts for a switching voltage of 35 V.
- They comply with all applicable ISO and IEC standards and are characterized by their simple, time-saving installation.
- Like the entire RAMO series, the emergency stop switches feature installation-friendly M12 plug-in connections that reduce wiring effort to a minimum.

Tactite Switch

- The MICON 5 short-stroke tactile switches are extremely reliable components with a very small space requirement.
- They can be arranged individually, in rows or as keypads.
- For use under foil, we recommend combining the MICON 5 buttons with plungers.

Push Button

- Pushbutton with mounting hole diameter 18.2 mm, non-illuminated, 250 V / 4 A
- Can be used in Mechanical and system engineering
- Model construction
- Home technology

Keylock Switch

- The locking systems we use were created according to the DIN EN 1303 standard by well-known lock manufacturers.
- RAMO K key switches offer a solution for every application thanks to a wide variety of contact functions,rotation angles, actuation functions, trigger positions and closures.
- Just like all RAMO actuators, connection is simple using Plug&Play and without any manual wiring - with M12 sensor cables.

Our Manufacturers

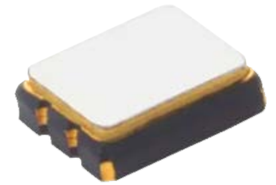
NDK

Established in 1948, NIHON DEMPA KOGYO CO, LTD is a Japan-based crystal manufacturer, and its leading product lines are Crystals, Oscitor, TCXO, Saw Devices, Ultrasonic Transducers, Synthetic Quartz and Crystal Blank. NDK, which has many certificates such as ISO/IEC 17025:2017 ISO 9001:2015 ISO 13485:2016 IATF 16949:2016, is known for its competitive prices, quality products and fast delivery in its field.

www.ndk.com

Temperature Compensated Crystal Oscillators

- TCXO, Good temperature characteristic
- Small size (2.0×1.6mm 2.5×2.0mm 3.2×2.5mm)
- Ideal for high precision GPS forecasts.
- Can be used for products operating in a wide temperature range.



SAW Device

- WFC68W0315CH compact design (3.0×3.0mm)
- SAW Filter (315MHz) for Remote Keyless Entry System.
- Wide operating temperature range: -40°C to +95
- High shock resistance / AEC-Q200.

Crystal Clock Oscillators

- Small and light design 1.6 x 1.2 x 0.6 mm, 0.01 g.
- Low frequencies / Lead Free
- Supports low frequencies starting from 2MHz.
- Supports wide operating temperature –40 to +125°C.
- Low phase jitter (Typ. 100fs

Antennas

- Ultra compact and slim design (1.6×1.0×0.45mm)
- Offers excellent electrical performance for mobile communications, automation and visual applications / Smd case / RoHS /
- NX1610SA

Our Manufacturers

Telit

Telit has been an industry leader in IoT products and software for the past 20 years. It constantly develops new technologies and moves the industry forward. One of Telit's strongest strengths in the industry is solving the problems faced by its customers in IoT issues and technical support. Telit provides services in all GSM modules from 2G to 5G, wifi and BLE modules, GPS and GNSS modules, and has also created thousands of successful IoT solutions around the world.

Telit Cinterion

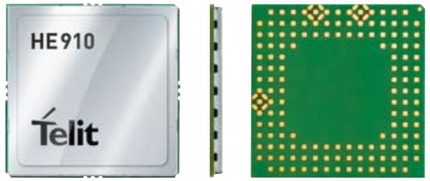
www.telit.com

X310 Family

- 94 pin - LGA Sheath
- Ultra compact module dimensions 20mm
- Optional band support, cellular
- GNSS and other wireless connections
- 3GPP Rel 14 LTE Cat M1 and NB2 Ready for 5G. low power consumption

xE910 Family

- 28.2 x 28.2 mm LGA Case
- 4G LTE, Cat 1/4. 3G and 2G Series
- Mobile Iot 3GPP Rel 13
- Worldworide certification support
- Optional GPS/GNSS features
- Audio Properties options. Multiple I/O



xL865 Family

- 24.4 x 24.4 x 2.6mm, LCC and VQFN
- Mobile Iot - 3GPP Rel 13 LTE Cat M1
- Embedded software options (Appzone)
- Jamming detection
- Embedded sim feature (SimWise)

Mini PC – M.2 Form Modules

- With Mini PC - M.2 form factor options
- 5G Generation support (M.2 Form)
- LTE high category modules
- CatM1-NB2 Option
- Plug and Play, Ready Driver support

Our Manufacturers

Comus

Comus International was established in 1978 as a manufacturer of mercury tilt switches. Its rapid growth and success led to the development of new products, and it established itself in the global market by creating metal mercury switches and mercury-free switch products for which it holds a patent. Comus is now a global leader in tilt and tip-over switches, motion/vibration sensors, reed switches, reed relays, solid-state relays, distance sensors, float switches, and turnkey sensors.

COMUS

www.comus-intl.com

Reed Switch

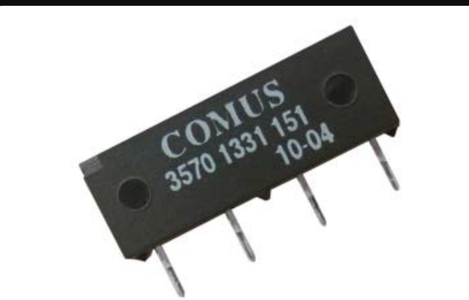
- RI-02 SMD / Small size
- Hermetic sealing
- Used in sensors, relays, meters, etc. products.

Acceleration Switch

- Resistant to harsh environmental conditions.
- Steel-gold sheath
- Resistant to mechanical stress.
- Hermetic sealing

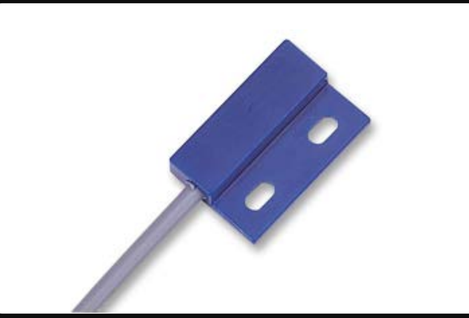
Comus Dry Relay

- SIP 1 Form A - 10 W molded dry reed relays
- Low cost switching
- Industrial standard package / UL File E358613
- 5, 12 and 24 volt coils available.



Proximity Switch

- Normally open switching voltage: 200Vac
- Switching current: 0.5A
- Switching capacity: 10.0VA Max.
- Contraction Resistance: 300 mOhms Max.



Our Manufacturers

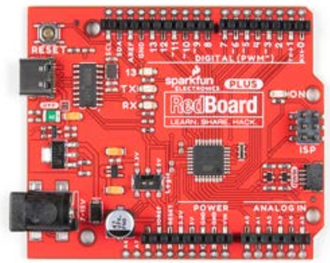
Sparkfun

SparkFun Electronics (SFE) is an electronics retailer in Niwot, Colorado, USA. Microcontrollers, development boards, and modular boards are all designed and manufactured by the company. SparkFun designed and manufactured all of the products, and they are all open source. These open source components are intended to increase access to cutting-edge technology while also shortening the time it takes to complete a project.

sparkfun ELECTRONICS

www.sparkfun.com

SparkFun RedBoard Plus



- ATmega328P microcontroller with Optiboot (UNO) Bootloader
- Input Voltage: 7V - 15V Barrel Jack / 5V USB-C
- Resettable PTC Fuse 5V/2A
- CH340G -USB Converter
- 3.3V - 5V Logic Level Switch
- 22x Digital I/O Pins (6x PWM Output, 8x Analog
- Input, 1x UART, 1x I2C, 1x SPI)
- 32kB Flash Memory / 16MHz Clock Speed

Range : 0-40m Laser Transmitter

- Accuracy: +/- 2.5cm at distances greater than 1m
- Power: 4.75--5V DC; 6V Max
- Current Consumption: 105mA idle; 130mA continuous
- Repeat Rate: 1--500Hz
- Laser Wavelength/Peak Power: 905nm/1.3 watts
- Beam Deflection: 8m Radians
- Interface: I2C or PWM

SparkFun GPS-RTK-SMA-ZED-F9P (Qwiic)

- The ED-F9P is a premium module for highly accurate GNSS and GPS location solutions, including RTK with 10mm, three-dimensional accuracy capability.
- Simultaneous operation of GPS, GLONASS, Galileo and BeiDou. Current: 68mA - 130mA
- Retrieves both L1C/A and L2C bands
- Voltage: 5V or 3.3V – All logic operation is 3.3V

SparkFun Development Kit – v4.1

- A great way to get started with programming and hardware interaction with the Arduino programming language.
- Five comprehensive projects of 16 interconnected circuits that teach everything from a flashing LED to readout sensors.
- Includes everything you need to complete
- SparkFun RedBoard Qwiic
- Arduino and Breadboard Holder

Our Manufacturers

DWIN

In 2003, DWIN was founded in Zhongguancun in Beijing, the "China's Silicon Valley". DWIN has grown at an average annual rate of 65%. The company has also set up regional marketing and application support centers at Beijing, Suzhou, Hangzhou, Changsha, Guangzhou and Shenzhen in China as well as overseas countries such as India, Poland, Brazil and the United States, providing services for customers all over the world. DWIN focuses on human-machine interaction (HMI) solutions, and thus has gradually realized the development from the application R&D of intelligent LCM to the CPU design as the basis, and even the integration across the whole industry chain technology.

DWIN® ideal partner for you

www.dwin-global.com

Android LCD Module

- An industrial Android intelligent display terminal launched by DWIN based on RK3288, running Android 8.1 OS;
- Available for USB and SD card updates;
- Available for downloading Android general apps to realize functionns
- Available for RS232 and RS485 port to connect and communicate with external devices

DWIN Smart Development Board

there is selection of smart LCDs with different sizes. sizes varies from 1,54 inches to 21,5 inches.

- Based on DWIN self-designed dual T5L2 ASIC, running DGUS II system
- With onboard buzzer, RTC, FSK bus interface and speaker interface
- Options for Capacitive touch screen or Resistive touch screen

HDMI LCD Module

- With USB port & HDMI interface on board
- LED backlight, up to 800 nit brightness
- Suitable for Windows, Raspberry, Linux and Android systems

Linux LCD Module

- Available for multi-language, vector font library, picture library and audio library.
- Compatible with interconnection control with common PLCs such as Siemens, Mitsubishi , Panasonic, etc.
- Industrial Linux system intelligent display terminal launched by DWIN based on AM3352, with floating-point processor and GPU, running Linux4.4.1 OS.

Our Manufacturers

Cologne Chips

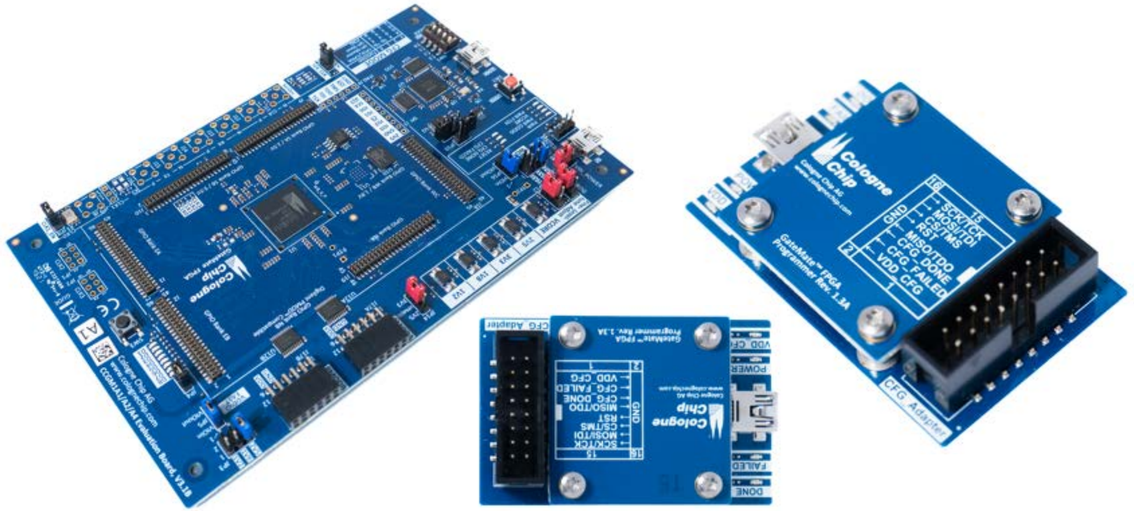
Cologne Chip is a leading provider of telecommunication ICs. A new core technology of the company are small and medium size FPGAs. Logic capacity, power consumption, package size and PCB compatibility are best in class. Looking back on a company history of more than 25 years, its customers benefit with GateMateTM FPGAs from an excellent industry knowledge and a design and manufacturing location “Made in Germany”.

CCGM1A1 FPGA

- 4 programmable PLLs
- Fast configuration with quad SPI interface up to 100 MHz
- 324-ball BGA package (15x15 mm)
- 20,480 programmable elements (CPE) for combinatorial and sequential logic

CCGM1A1 Development Board

- USB-JTAG + USB-SPI configuration interface
- 2 Pmod-compatible ports
- SerDes interface via SMA
- 6 GPIO banks
- 100x160 mm (Eurocard standard)



Cologne Chip

www.colognechip.com

Our Manufacturers

FTDI CHIP

FTDI Chip develops innovative silicon solutions that enhance interaction with the latest in global technology. The major objective from the company is to ‘bridge technologies’ in order to supportengineers with highly sophisticated, feature-rich, robust and simple-to-use product platforms. These platforms enable creation of electronic designs with high performance, low peripheral component requirements, low power budgets and minimal board real estate. FTDI Chip’s long-established, continuously expanding Universal Serial Bus (USB) product line boasts such universally recognized product brands as the ubiquitous R-Chip, X-Chip, Hi-Speed and SuperSpeed USB 3.0 series. In addition to both host and bridge chips, it includes highly-integrated system solutions with built-in microcontroller functionality.

FTDI Chip

www.ftdichip.com

H Chip Series

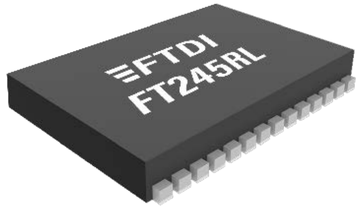
- Single chip USB to dual serial / parallel ports with a variety of configurations.
- Entire USB protocol handled on the chip. No USB specific firmware programming required.
- USB 2.0 High Speed (480Mbits/second) and Full Speed (12Mbits/second) compatible.
- RS232/RS422/RS485 UART Transfer Data Rate up to 12Mbaud.

Power Delivery Series

- Supports Power Delivery Specification 3.0.
- 1 x USB PD 3.0 Port supports Dual Role Swap Function
- Supports 5V3A, 9V3A, 12V3A, 15V3A, 20V3A and more • PDOs as sink or source.
Type-C/PD Physical Layer Protocol.
External MCU support through I2C bus.

R Chip Series

- Single chip USB to parallel FIFO bidirectional data transfer interface.
- Entire USB protocol handled on the chip – No USB-specific firmware programming required.
- Simple interface to MCU / PLD / FPGA logic with simple 4-wire handshake interface.
- Data transfer rate to 1 Megabyte / second – D2XX Direct Drivers.
- Data transfer rate to 300 kilobyte / second – VCP Drivers.



X Chip Series

- Single chip USB to asynchronous serial data transfer interface.
- Entire USB protocol handled on the chip. No USB specific firmware programming required.
- Fully integrated 2048 byte EEPROM for storing device descriptors and CBUS I/O configuration.
- Data transfer rates from 300 baud to 3 Mbaud.

Our Manufacturers

Aillen

Aillen Electronic Technology Co.,Ltd was established in 1995, with more than 1000 employees and an area of 70,000 square meters. Over the years, Aillen has been committed to becoming the most professional one-stop passive components supplier.

The main products involve varies types of capacitors, resistors and inductors. At present, there are four production bases in China, which are located in Jiangsu, Dongguan and Guangzhou. In terms of products research and development, we have obtained a series of product patents under Aillen's continuous technological innovation. Based on independent research and development capabilities, Allen can meet the needs of various customized products.

Aillen®
EXPERT IN PASSIVE PARTS

www.aillen.com

E-Caps

- Capacitance values changes between 0,47 uF to 22000 uF(u'lar yerine mikro işareti olması lazım.)
- voltage values changes between 6,3 V to 450 V
- Wide tempreture range -40 to +105 C

Film Resistors

- Capacitance values changes between 560 pF to 110 uF(u'lar yerine mikro işareti olması lazım.)
- Voltage values changes between 63 V to 2000 V
- Wide tempreture range -55 to +110 C

Resistors

- Resistance values changes between 0,1 ohm to 33 Mohm
- Power values up t0 40 W
- wide tempreture range -55 to +200 C

THT Resistors

- Resistance values changes between 0,1 ohm to 33 Mohm
- Power values up t0 40 W
- wide tempreture range -55 to +200 C

Our Manufacturers

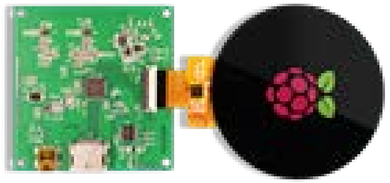
Shangai TDO

Top Display Optoelectronics (TDO) is professional display supplier who integrates R&D, manufacturing and sales. We are committed to becoming the leader in LCD/OLED new display, smart display and IOT solutions, near-eye display. Focus on industry application markets such as medical, smart home, IOT, industrial, military and so on. Founded by a core team with more than 20 years of display R&D experience, we have first-class innovation ability and operational integration capabilities, owning more than 50 technology patents. Our own purification manufacturing plant in Shenzhen can promise a fast delivery and all the production is under our control.

en.shtdo.com

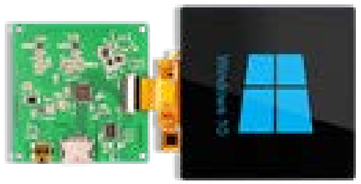
Circular Displays

- There is selection of Android LCDs with different sizes. sizes varies from 1,3 inches to 4 inches.
- Option for RTP or CTP



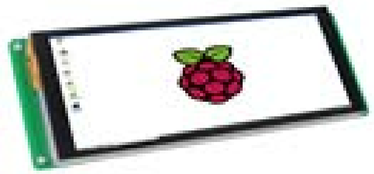
TFT Displays

- There is selection of TFT LCDs with different sizes. Sizes varies from 1 inch to 15 inches.
- There are different type of LCDs like IPS or TN.
- There are different type of interfaces like RGB, MIPI, SPI, LVDS or MCU.
- There is a option for touch panel. Can be chosen as Capacitive or Resistive



Smart Displays

- There is selection of Smart LCDs with different sizes. Sizes varies from 1,28 inch to 10,1 inches. There are different type of interfaces like TTL, RS232 or RS485. There is a option for touch panel. Can be chosen as Capacitive or Resistive.



OLED Displays

- there is selection of OLED LCDs with different sizes. Sizes varies from 0,4 inch to 1,01 inches. These displays only use MIPI interface.

Our Manufacturers

Technexion

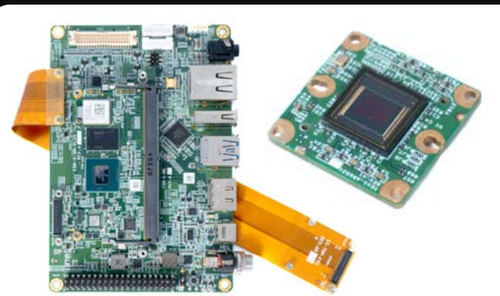
TechNexion offers a wide range of embedded modular solutions to leading companies in the ODM/OEM automation and process control, gaming, digital signaling, multimedia streaming and advertising, communications, networking and security industries. TechNexion products produce single board solutions supported by System-On-Modules(SOM), carrier cards, industrial grade camera solutions, embedded systems and open source software and open source hardware documentation. TechNexion is ISO-9001 and ISO-14001 certified, a proven partner of NXP and a founding member of the EDM (Embedded Design Modules) Standard.

TechNexion
INNOVATORS OF TECHNOLOGY

www.technexion.com

System-on Modules (SOM)

- The NXP i.MX 8The NXP i.MX 8M Plus SoC contains 4 64-bit Armv8 Cortex-A53s.
- Certified wireless connectivity serial port, CAN bus, I2C, SPI or USB.
- BSP Linux and Android AOSP are supported.



Embedded Display

- Compatible with MIPI connector
- Supported by Technexion SOMs and Nvidia's Jetson family.

Embedded Computer

- B- Linux and Android AOSP are supported.
- Possibility to work with multiple power modules
- Possibility to connect to the cloud with M.2 wireless communication or 4G module

Panel Computer

- B- Linux and Android AOSP are supported.
- IP65 protection
- Possibility to connect to the cloud with M.2 wireless communication or 4G module

Our Manufacturers

Wiznet

Wiz net is the one of strongest manufacturer in Wifi and Ethernet converters. The most reliable and quality products are Network Modules, Ethernet Chips, Serial to Ethernet Modules, Open Source HW products and also Ethernet Controllers

WIZnet

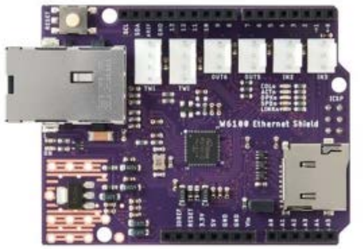
www.wiznet.io

Ethernet Chip

- Supports following Hardwired TCP/IP Protocols : TCP, UDP, ICMP, IPv4, ARP, IGMP, PPPoE
- Supports 8 independent sockets simultaneously
- Supports Power down mode
- Supports Wake on LAN over UDP

W5100S Ethernet Shield

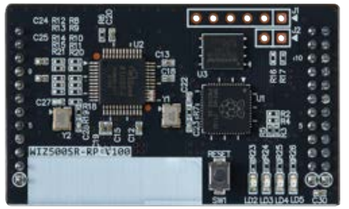
- ARM mbed compatible operation
- Arduino Pin-compatible
- W5100S Ethernet shield is designed using the WIZnet W5100S chip.
  It supports both 3.3V & 5V.



WIZ500SR-RP

WIZ500SR-RP is a compact sized serial to Ethernet module using the RP2040 MCU with W5100S Ethernet Chip.

- 10/100Mbps Ethernet & Up to 230kbps serial speed
  2mm pitch 1×12 Pin-header(3ea) mounted module
  Status pins: PHY link status / TCP connection status
  WIZ500SR-RP has UART x 2, SWD x 1, Ethernet x 1



IOP (Internet Offload Processor)

The IOP (Internet Offload Processor) is the one-chip solution which integrates an ARM Cortex-M0, 128KB Flash and hardwired TCP/IP core for various embedded application platform especially requiring ‘Internet of things’.

- ARM Cortex-M0 48MHz maximum frequency
- Flash: 128 KB
- SRAM: 16KB to 48 KB

Our Manufacturers

Geehy

Geehy Semiconductor is an IC design company that specializes in industrial and automotive grade microprocessors, mixed signal analog ICs, and SoCs. Its parent company is Ninestar Corporation (002180.SZ).

With 20 years of IC design experience and embedded system capability, Geehy can provide customers with core, reliable chip products that enable accurate sensing, secure transmission, and real-time control, helping them to expand in automotive, industrial, new energy, and consumer electronics.

"Continuously drive industry innovation and create value for customers." Geehy's ambition is to become a world-class integrated circuit design company.

Geehy SEMICONDUCTOR

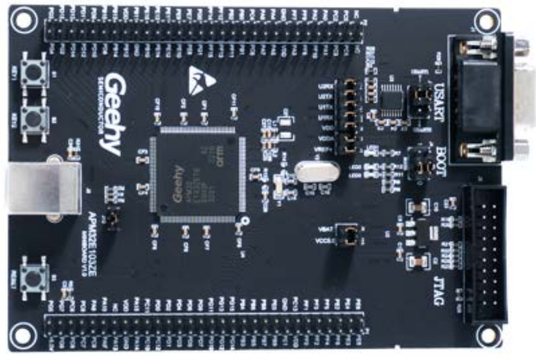
www.geehy.com

Emulator/Prog (GEEHY-LINK)

- Support Windows7/8/10 without drives
- Support APM32 full series MCU programming
- Support both SWD and JTAG programming
- Power target board via a control button
- High-speed USB provides a power supply

APM32 PROG

- Support offline burning and online burning functions
- Support JTAG and SWD programming upper computer
- Support Win7/8/10 free drive
- Input voltage 5V, input current ≥500mA
- Power supply interface: USB



Our Manufacturers

Brightek

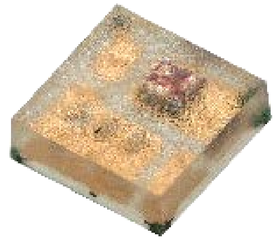
BRIGHTEK embarks on manufacturing, developing and selling of semiconductor packaging with a complete production management system like ISO 9001 (International quality management system), ISO 14001 (Environmental management system standards), IATF 16949 (Automobile quality management system), SONY Green Partner (Technical Standard), and QC080000 (Hazardous material process management system). At present, Brightek has over 500 employees, the state-of-the-art automatic production equipment, the avant-garde laboratory, the professional management team, the elite R&D, and the experienced sales and service teams. Furthermore, Brightek owns nearly 100 patents and intellectual property rights in a powerful protection of scale production, product standardization and fast delivery.

Brightek

www.brightek.com

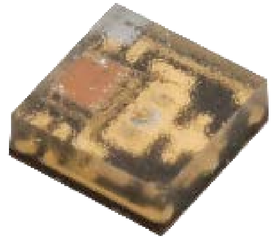
iCLed4516

iCLed20 4 Pin



iCLed35 4 Pin

iCLed20 6 Pin



iCLed35 6 Pin

iCLed50 4 Pin

Our Manufacturers

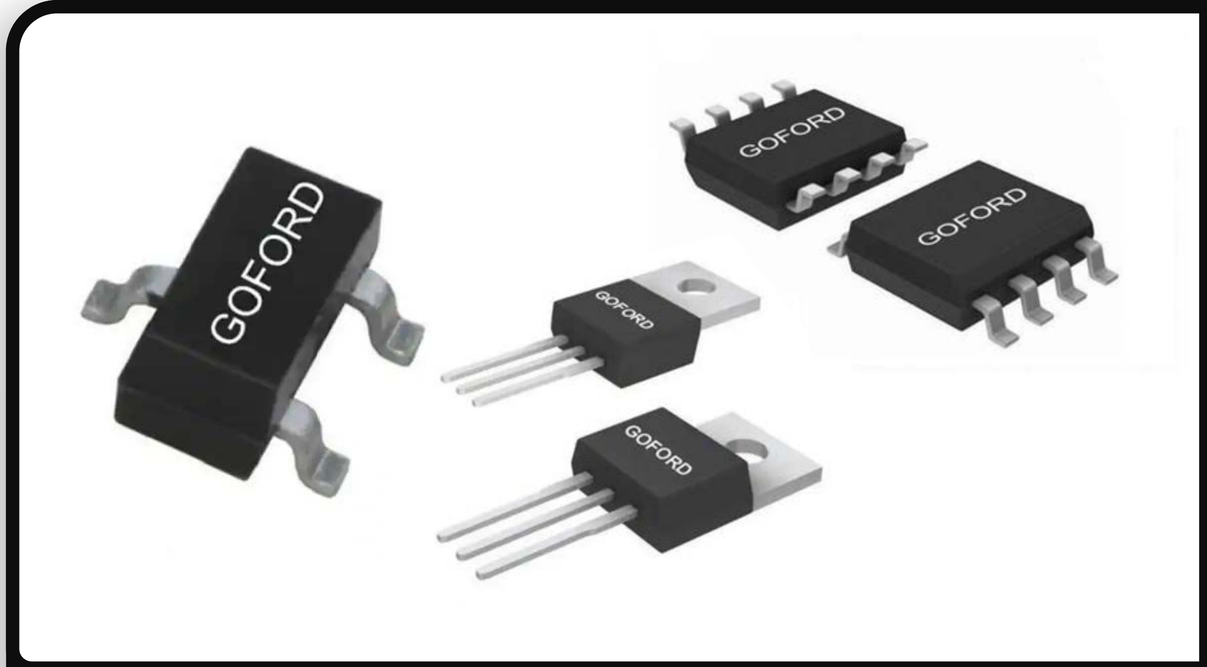
GOFORD

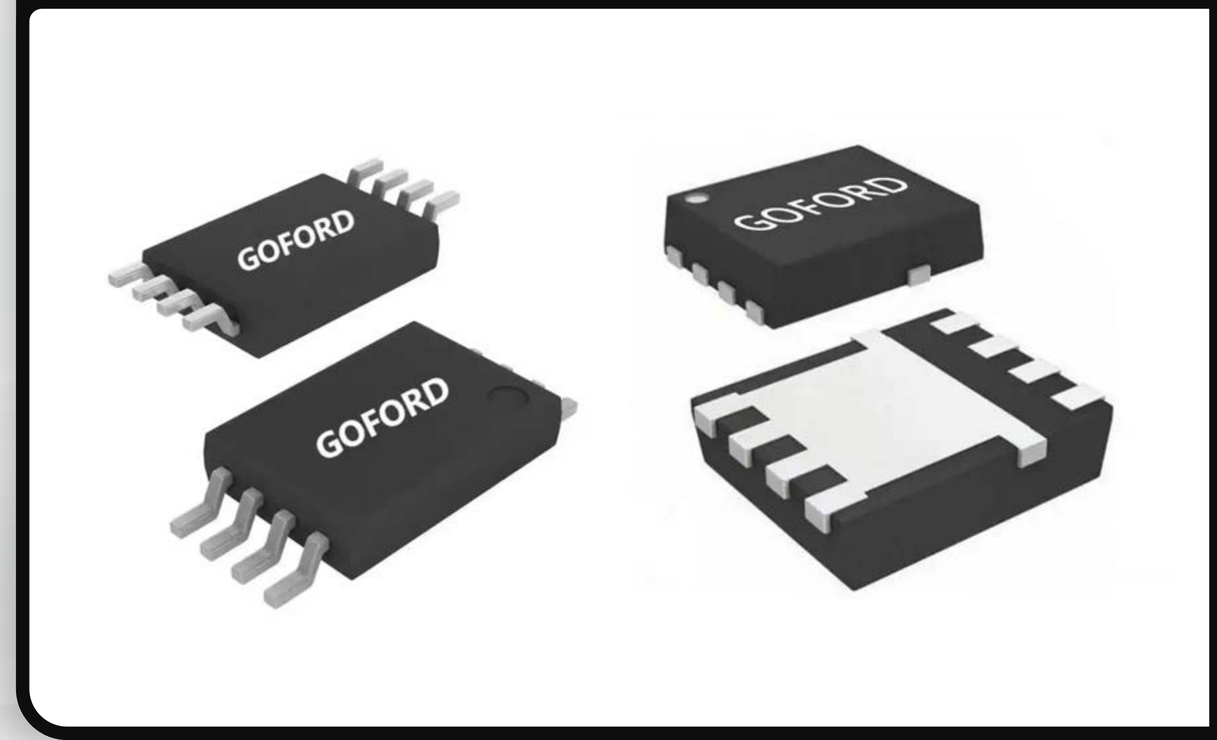
Since the foundation in 1995, Goford Semiconductor has been developing into a global company with offices in USA, Hong Kong, Australia, Shenzhen and Jiangsu.
We have been always devoting in the R&D and sales of the power Mosfets products. We focus on the energy efficiency, mobility and reliability to provide cost effective products to the market. We welcome friends worldwide to work together.

We Commit:
- To try our best to satisfy our customers' needs;
- To provide the most reliable and cost effective products;
- To innovate and do better every day;
- To partner with engineers and customers for mutual value;
- To work harder to realize our commitment.

GOFORD
SEMICONDUCTOR

www.goford.cn





Our Manufacturers

Chipanalog

Our broad portfolio of isolation products use Chipanalog's capacitive isolation technology based on silicon oxide (SiO2) insulation barrier that provide complete galvanic isolation between two power domains. We offer standard digital isolators, low-power digital isolators, dedicated digital isolators for smart meter and the complete digital isolators with integrated power supply; Also, we offer isolated interface products, including the isolated I2C, isolated CAN transceivers, isolated RS-422/RS-485 transceivers and the isolated transceivers with built-in low-EMI DC-DC converter, isolated octal digital input receivers etc. high-integration solutions. We also offer isolated amplifiers. With Chipanalog's advanced capacitive isolation technology, our isolation family products feature high reliability, high electromagnetic immunity, low propagation delay and low jitter. Thousands of customers have adopted these solutions in their end applications.

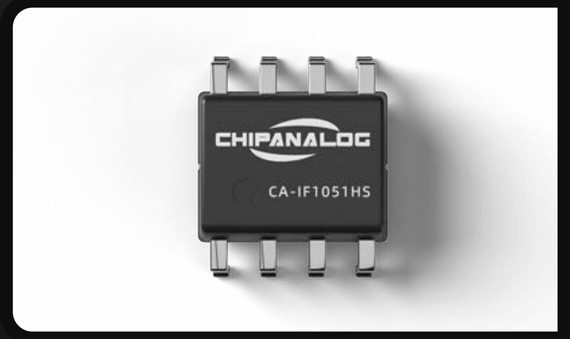
CHIPANALOG
川 土 微 电 子

www.e.chipanalog.com

Industrial Power

Energy Storage System

Charging Station

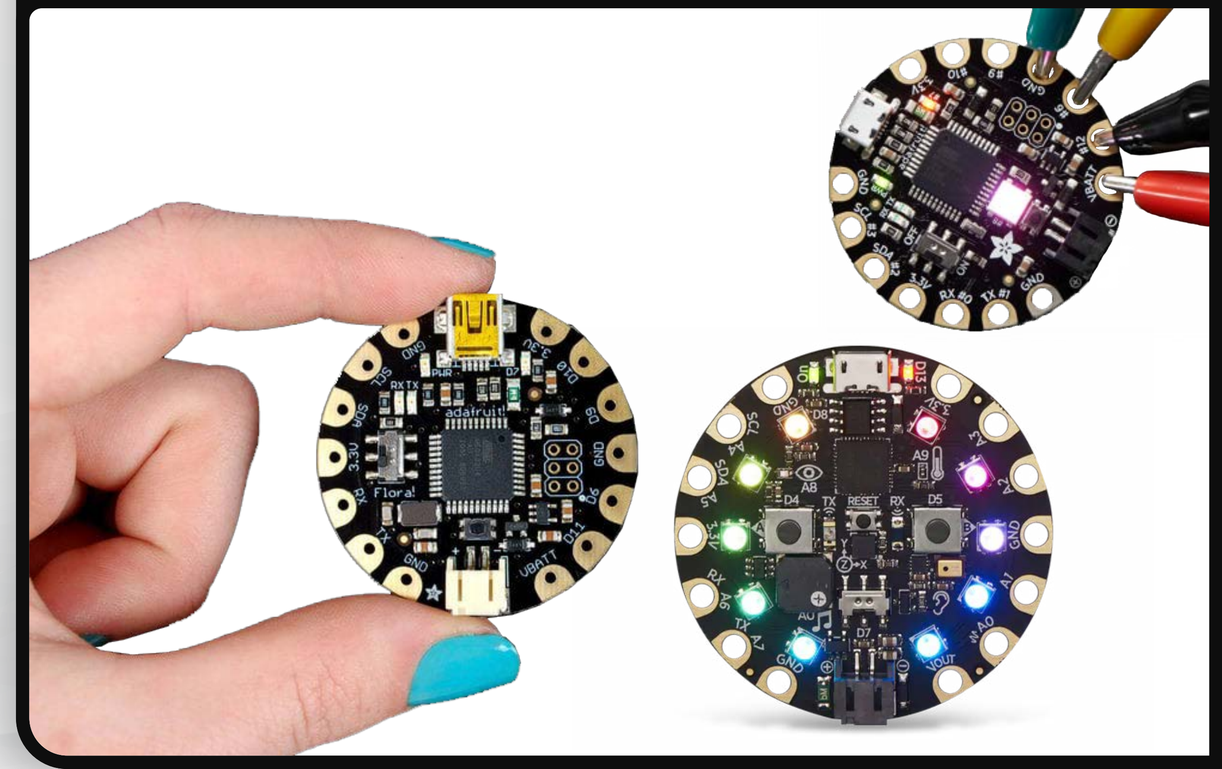


PV İnverter & Charger

Our Manufacturers

Adafruit

Adafruit was founded in 2005 by MIT engineer, Limor "Ladyada" Fried. Her goal was to create the best place online for learning electronics and making the best designed products for makers of all ages and skill levels. In the last 10 years, Adafruit has grown to over 100+ employees in the heart of NYC with a 50,000+ sq ft. factory. Adafruit has expanded offerings to include tools, equipment, and electronics that Limor personally selects, tests, and approves before going in to the Adafruit store. Adafruit is a 100% woman owned manufacturing company, a certified Minority and Woman-owned Business Enterprise (M/WBE), a certified Women's Business Enterprise (WBE), and WOSB.



www.adafruit.com

Our Manufacturers

Leyconn

LEYCONN Electronic Co.,Ltd. is specialized in R&D,manufacturing and marketing almost all kinds of electronic components, which are widely used in industrial control, communication, computer, equipment, electronic consumptions etc. Our products aremostly involved in three kinds of fields: Automotive connectors, Industry connectors and Electronic Consumer Connectors. The most reprentatively customers of Automotive connector and industry connector are Audi, VOLKSWAGEN, Honeywell, ABB, HITACHI, Alstom, Amphenol Group Cooperation,which are world 500 companies.

We sincerely hope Leyconn will be customers' first choice and cooperator in future. Promoting customers' product value by our mutual efforts is our first mission as well as our rule. Therefore, we will keep consolidating our strength to comprehensively satisfy our customers and to develop our business in double-win situation with our customers.

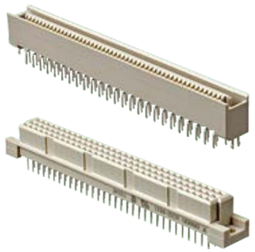
Leyconn

www.leyconn.com

Battery Holder

D-SUB Connectors

DIN Connectors



FPC Connectors

Headers

SATA Connectors

Terminal Blocks

Wire to Board

Our Manufacturers

Qualtek

Qualtek Electronics Corp., established in 1980, has become a world leader in fan and fan accessories, power supplies, primary power components, EMI power line filters, cable assemblies, domestic and international power cords, and heat shrink products. Qualtek provides high quality, low cost products and superior customer service.

Our fan accessories line includes a wide selection of wire form fan guards, plastic fan guards, plastic fan filter assemblies, aluminum fan filters and fan power cords. Our primary power components product line consists of inlets, outlets, multi-function assemblies and power line filters. Domestic and international power cords are available in a wide range of plugs, connectors, cordage and colors. Qualtek supports its customers' needs with tooling capabilities to modify or customize products utilizing our global network of offices, engineers, manufacturer's representatives, and authorized stocking distributors.

Qualtek

www.qualtekusa.com

AC Socket

Macarons

Fan

Thermal Current Breaker

EMI Filtre

Cable Tie

Power Cable

Power Supply

Our Manufacturers

Torven

TORVEN was founded in 2006 located in Shenzhen city focusing on designing and manufacturing push-pull circular connectors, medical supplies and accessories.

With the introduction of a dedicated Rapid Response Team, TORVEN can provide fast turnaround times on bespoke customer projects and requirements.

Ranging from the manufacturing of circular connectors and cable assemblies to bespoke product customisations and developments. TORVEN products are already sold directly as well as through sales representative throughout worldwide. With the proven expertise, rich experiences and global perspectives, we are confident and aspired to to become more and more reliable partner to customers and suppliers for long term mutual benefits.

TORVEN

www.qualtekusa.com

Metal Connector

Plastic Connector

Waterproof Connectors

Medical Pneumatics

Our Manufacturers

ECE “Excel Cell Electronic”

In this fast changing electronic world of ours, what our customers need is building a long-term relationship that can form strategic alliances, instead of just an electronic component supplier or manufacturer. We believe that the partners needed by our customers are those who can provide diversified products with better quality, higher technology, and shorter delivery time to maintain competence in the market.

At ECE, we are always endeavoring in building up close cooperation relationships with our customers and in assisting them in maintaining their leading positions. The ways we achieve success are relying on product creativities, process integration and facilities development.

Therefore, ECE is not just an electronic component manufacturer, but also a long-term strategic partner to form strategic alliances with our customers.

www.ece.com.tw

Industrial Control Switch

Switches

Relays

Terminal Blocks

Connectors

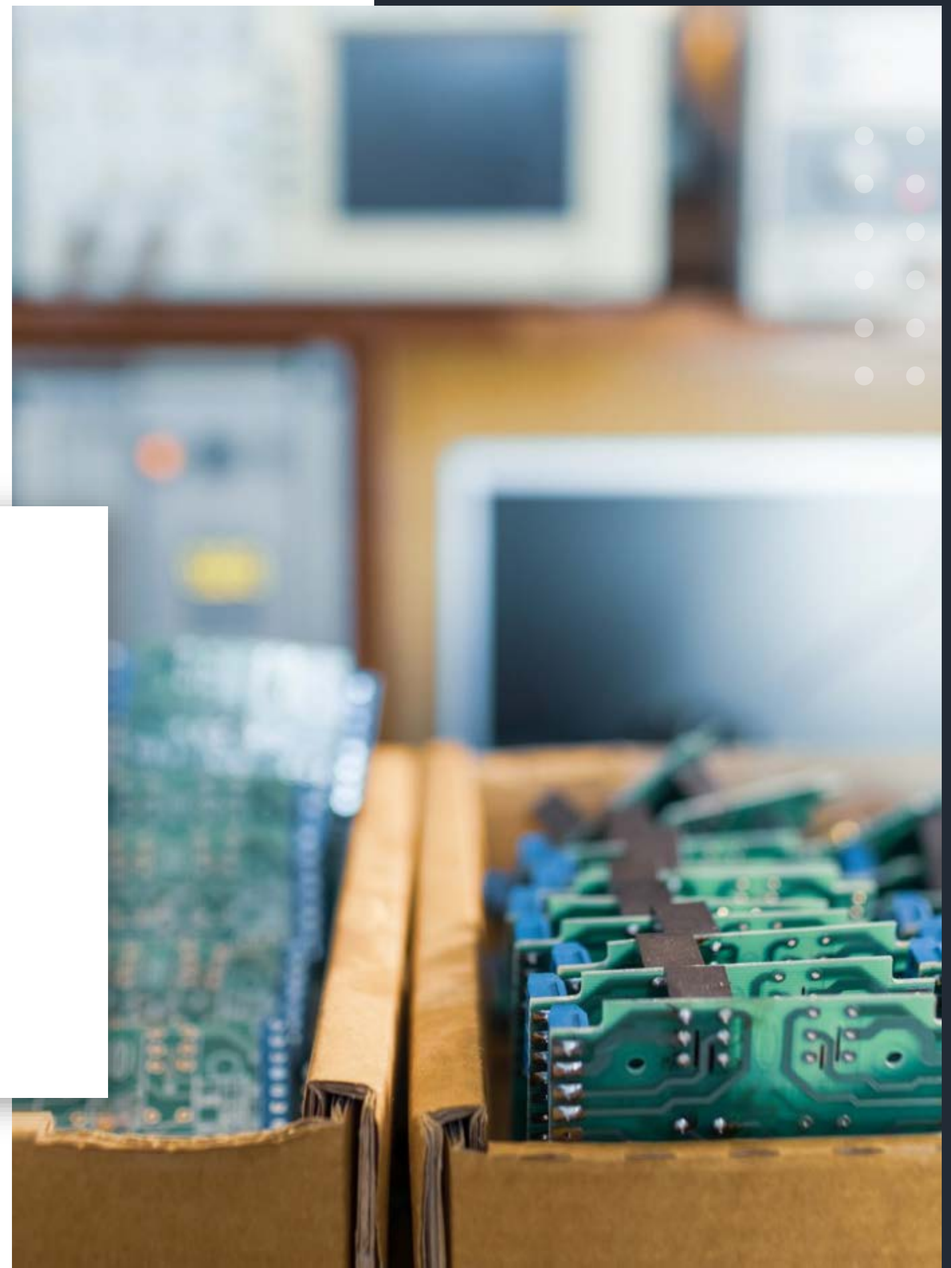
Chip Inductor & Bead

Resettable Fuse

Stepping Motor

ONWAYPCB

www.onwaypcb.com



We guarantee delivery of your orders as fast as in 1-2 weeks thanks to our shipping capabilities and extensive supply network, advantage that comes by being part of Demsay Elektronik.

Thanks to OnWayPCB, it is now very easy to order electronic cards. After you become a member of our website, you can choose the PCB specifications and complete your order quickly with your credit card. The prices you see on our website include all customs and freight costs. You can easily follow the production and payment processes of the cards you have ordered on our website.

3DY ARGE

www.3dyarge.com

3DY ARGE solves the technical service needs of its customers with its fully equipped and experienced service technicians.

3DY ARGE, one of the leading companies in the power electronics sector, produces with a closed area of 10.000m2 and an open area of 1500m2. Following the technology closely and proving this with the devices it has produced, 3DY ARGE manufactures Rectifiers and DC power systems that Turkey and the world need in many fields such as military, defense industry, airports and maritime.

3DY ARGE carries aut its designs at its own center with up-to-date technology and engineers. 3DY ARGE, which has grown by adding strength to its power since 2015, sends every device produced to its customers after testing it in its own test center according to the most difficult conditions.

YAGEO Group
Littelfuse
LINECARD
ANALOG DEVICES
ON Semiconductor
IXYS Integrated Circuits Division
maxim integrated
AMD
NXP
JST
LINEAR TECHNOLOGY
OSRAM
samtec
XILINX ALL PROGRAMMABLE
TAICAP
Sami
SK hynix
freescale semiconductor
HARWIN
FCI
IOR
C&K
Texas Instruments
Coilcraft
KEYSTONE
WOER
SHARP
ECE
GREATECS
Avago Technologies
JRC
Grayhill
Microchip
SILICON LABS
Honeywell
molex
3M
SHARP
muRata INNOVATOR IN ELECTRONICS
JAMICON
TOSHIBA
FUJITSU
Infineon
Amphenol
TE connectivity
SEMTECH
DIODES
Glenair
TDK
TORVEN
LITEON
RAYSTAR
EPCOS
JAE
AVX
ALTERA
life.augmented
Leycon
3L COILS
SAMSUNG
Atmel
CYPRESS PERFORM
bulgin
Qualtek Electronics Corporation
NEC
HITACHI
intersil
BOURNS
Panasonic
HRS
nichicon
SCHURTER ELECTRONIC COMPONENTS
RENESAS
OMRON
Electronic Components KEMET CHARGED
Micron
VISHAY

DEMSAY EUROPE SIDE OFFICE: Sahil Mah. Marmara Cd. Çayırlı Sk. No: 2/1 34520 Beylikdüzü / İSTANBUL

OUR PRODUCTION FACILITY: Kavaklı, Deniz Aktaş Cd. No:12 34520 Beylikdüzü / İSTANBUL

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FAX : 0212 509 99 74

info@demsay.com

www.demsay.com