

*Link & Power up
Your Life!!*



亞元科技股份有限公司
Atech OEM Inc.

Company Profile

Link & Power up
Your Life!!



Atech OEM Inc.

Atech OEM was established in 1990 specializing in the design and manufacture of high performance communication transformers as well as power supply for mobile electronic devices, and wireless device that include cigar light adaptors, travel chargers and general power adaptors, Bluetooth, WiFi, 3.5G and Zigbee. With expertise in these three areas, Atech OEM has become one of the most widely accepted and sought-after suppliers of hi-tech transformers in the communications industry, power supply for mobile electronic devices and wireless for variety connectivities in both consumer and industrial electronic industries.

Since its inception, Atech OEM has devoted extensive efforts to achieving product standardization while remaining flexible to changing technologies. Utilizing its profound experience, the company has developed thousands of standard communication transformers as well as a variety of futuristic-designed power supply for mobile electronic devices. The standardization has facilitated application upgrading, cost reduction and quality assurance, which benefit Atech's customers tremendously.

Atech's success is mainly attributable to individual excellence, dedicated teamwork and growing customer satisfaction. The increase in customer satisfaction results from close liaison with its customers and sense of urgency to meet customers' rapid changing needs.

Quality System and Certificated

Atech's continuing effort in developing new products and technologies has not only enhanced customers' competitiveness but also driven down product costs while still adhering to strict international standards for product safety and environment friendliness evidenced by UL, CE, FCC, CCC, E/e-mark, C-Tick, CEC, CB, GS, BSMI approvals and ISO9001 & ISO14001 certification.



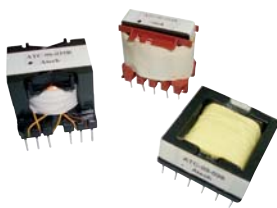
Atech OEM Inc.

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TEL:886-2-2377-0282 FAX:886-2-2377-0283 E-mail:marketing@atechoem.com www.atechoem.com

**Besides Atech standard products, customized design requirements are also welcome.
Please contact us for more detailed specifications and other product information.**

Transformers

Atech transformers are designed for various communication application needs. They are categorized as follows.



Switching mode Power Transformers

For Switching Power Supply,... etc.



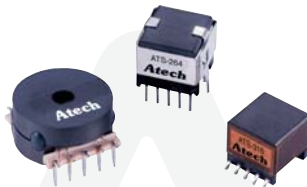
LAN (Local Area Networking) Transformers

Full range from 10/100 Base-TX to Gigabit (10BASE-T, 100BASE-TX, and 1000BASE-T). All Ethernet transformers are with unique packing parameters.



Wide Band RF Transformers

For Cable Modem, Set-Top Box, CATV and various kinds of security systems applications.

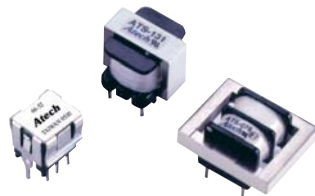


xDSL Transformers

A variety of transformers that correspond to unique DSL chipset broadband transmission requirements. Their applications include ADSL, VDSL, HDSL, MHDSL and Cable Modem in broadband transmission industry.

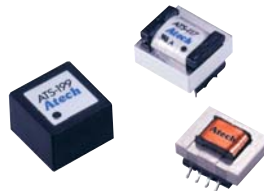


Integrated RJ45 / Transformer / LED / USB



Telecom Transformers

For PBX and POTS application requirements.



Modem Transformers

Over thousand of different models to meet analogue communication needs.

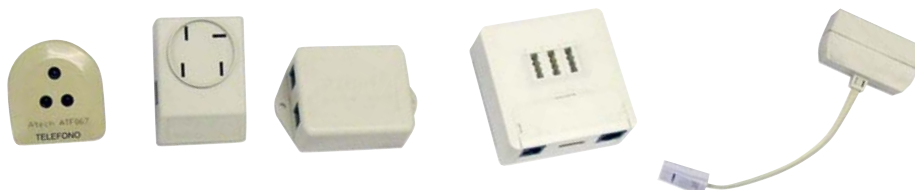


ISDN Transformers

A variety of transformers that correspond to unique ISDN chipset application requirements including S-interface, U-interface and T1/E1,... etc.

Solutions for CPE DSL Splitter

A separate filter may be required if a DSL setup does not use splitters. For a splitter setup, the filter is built into the splitter. The filter is to protect the DSL signal from being contaminated by high frequency noise added by analog phone devices, answering machines, faxes and so on. The filter is a low-pass filter. Note: there have been some reports of interference leaking to audible range on certain phone equipment after a phone line gets DSL added.



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▲ In/Outdoor Mesh WiFi

Model: 525C-3

- Dual Radios: 802.11a/b/g for both AP and Mesh/bridge
- Super G & Turbo A on access point & bridge up to 108 Mbps
- User configurable modes: gateway access point, wireless mesh/bridge
- Power-over-Ethernet (PoE) Standard
- VLAN 802.1Q
- 64, 128, and 152-bit WEP
- AES-CCMP/WPA2/802.11i
- Wireless client load balancing
- Self configuring, Self-healing MESH network - up to 32 nodes
- Detects & reports rogue APs
- Rugged IP 66 casing for outdoor use as a HotSpot or repeater
- Multiple SSIDs in a single network



Model: 523C(Outdoor)& 523E(Indoor)

- Serial port TCP server/ client socket support
- Wireless Indoor/Outdoor Mesh, Access Point, Bridge, Client
- Self Configuring, self-healing MESH network
- Simple backhaul deployment with mesh technology.
- 802.11a/b/g, Super G & Turbo A up to 108 Mbps
- Detects & reports rogue APs
- 9-32VDC power-over-Ethernet(PoE) flexible power
- AES-CCMP/WPA2/802.11i Encryption & Authentication
- Wireless client load balancing
- MAC address filtering
- Compatible with most WiFi infrastructure products
- Serial port Raw socket support

Industrial and Mobile WiFi

Model: IWAP-2000

- Fully compatible with 802.11b
- Dip switches to switch between RS232/422/485 modes
- Simple ACSII command interface, over local UART and remote from TCP/IP client
- Sustained data rates of >200 kbps in RS232 mode with hardware flow control
- Security:WEP128,WPA-PSK ,and WPA2-PSK (TKIP and AES) supported
- RS232 relieve charging to extend battery life
- Internal rechargeable battery pack for fully stand-alone operation



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Bluetooth Dongle

The smallest USB adapter. It takes zero space fully compliance with Bluetooth v2.1, backward compatible with BT2.0, 1.2 and 1.1. 3-times faster data transfer speeds, up to 3Mbps data rate available, 10m/100m working range. UHE button for direct HID device (keyboard/mouse) connection plug & play, easy driver installation. Advanced simple secure pairing technology.



**Bluetooth 10/100meters
Mini USB Adapter V2.1+EDR**



**Cost Effectiue
Bluetooth 10meters
Mini USB Adapter V2.0+EDR**

Bluetooth Module



**Bluetooth V2.0
+802.11b/g
Model:WBM-1041**

- CSR Unifi 802.11 b/g
- Bluetooth Specification: 2.0+EDR
- Range of Frequency: 2.4GHz Spectrum
- Working Range: 10 meters
- Bluetooth Profiles Supported: SPP/HID/HSP/HFP
- Mini dimension : 26.82 x 15 mm



**Bluetooth V2.0 Class1
with Built in Antenna
Model: BM-1041**

- Bluetooth Specification: 2.0+EDR
- Bluetooth Chip:BC04 flash
- Range of Frequency: 2.4GHz Spectrum
- Working Range: 100 meters
- Bluetooth Profiles Supported: SPP/HID/HSP/HFP
- Mini dimension : 25.6 x 13.2 mm



**Bluetooth V2.0
Multimedia
Class2(10meters)
Model:BM-1051**

- Bluetooth Specification: 2.0+EDR
- Bluetooth Chip:BC05 MM
- Range of Frequency: 2.4GHz Spectrum
- Working Range: 10 meters
- Bluetooth Profiles Supported: A2DP/AVRCP
- Mini dimension : 12.5 x 12.5 mm



**Bluetooth V2.0 Class1/2
Model: BT-1021/2**

- Bluetooth Specification: 2.0+EDR
- Bluetooth Chip:BC04 flash
- Range of Frequency: 2.4GHz Spectrum
- Working Range: 100/10 meters
- Bluetooth Profiles Supported: SPP/HID/HSP/HFP
- Mini dimension : 21.82 x 15 mm



**Bluetooth V2.0 Class2
Model:BM-1023**

- Bluetooth Specification: 2.0+EDR
- Bluetooth Chip:BC04 ROM
- Range of Frequency: 2.4GHz Spectrum
- Working Range: 10 meters
- Bluetooth Profiles Supported: HCI Module
- Mini dimension : 12 x 12 mm

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*Lighten up
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▲ In Car Charger

The car charger fits most vehicle cigarette lighter sockets and incorporates switching technology and in line fuse protection. Universal charger used for mobile phone/MP3/GPS/PDA.....etc. Creates a reliable power source provides a seamless power solution, from the home, at your office, and now on the way to any destination!

Output 5V 500mA~2A



Car Box

C06
& Tips

C15

C18
Dual port Charger

C09

Power Charger

Our travel chargers lightweight and compact design makes it convenient and easy to use as it can be taken anywhere with you.

It's a great traveling companion, when baggage space is limited and you don't want to bring your bulky desktop charger with you. It provides rapid charging and output voltage automatically adjust to the cellular phone's specific requirements.

Output 5V 500mA~2A

12V 1A



TC203

T01

TC164

TC989

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