

Topdiode Group Company presentation



Diode



Capacitors

TOPDIODE GROUP: TOPDIODE AND UF CAPACITORS

Topdiode Manufacturing Company is a leading manufacturer and supplier of a wide range discrete components and capacitors in China.

Together with UF Capacitors includes 4 manufacturing sites with some 750 employees with additional 65 technical experts.

Company headquarters, manufacturing facilities, design & engineering center are located in Hunan Province & Shantou, ZhaoQing, and Zibo since 1996.

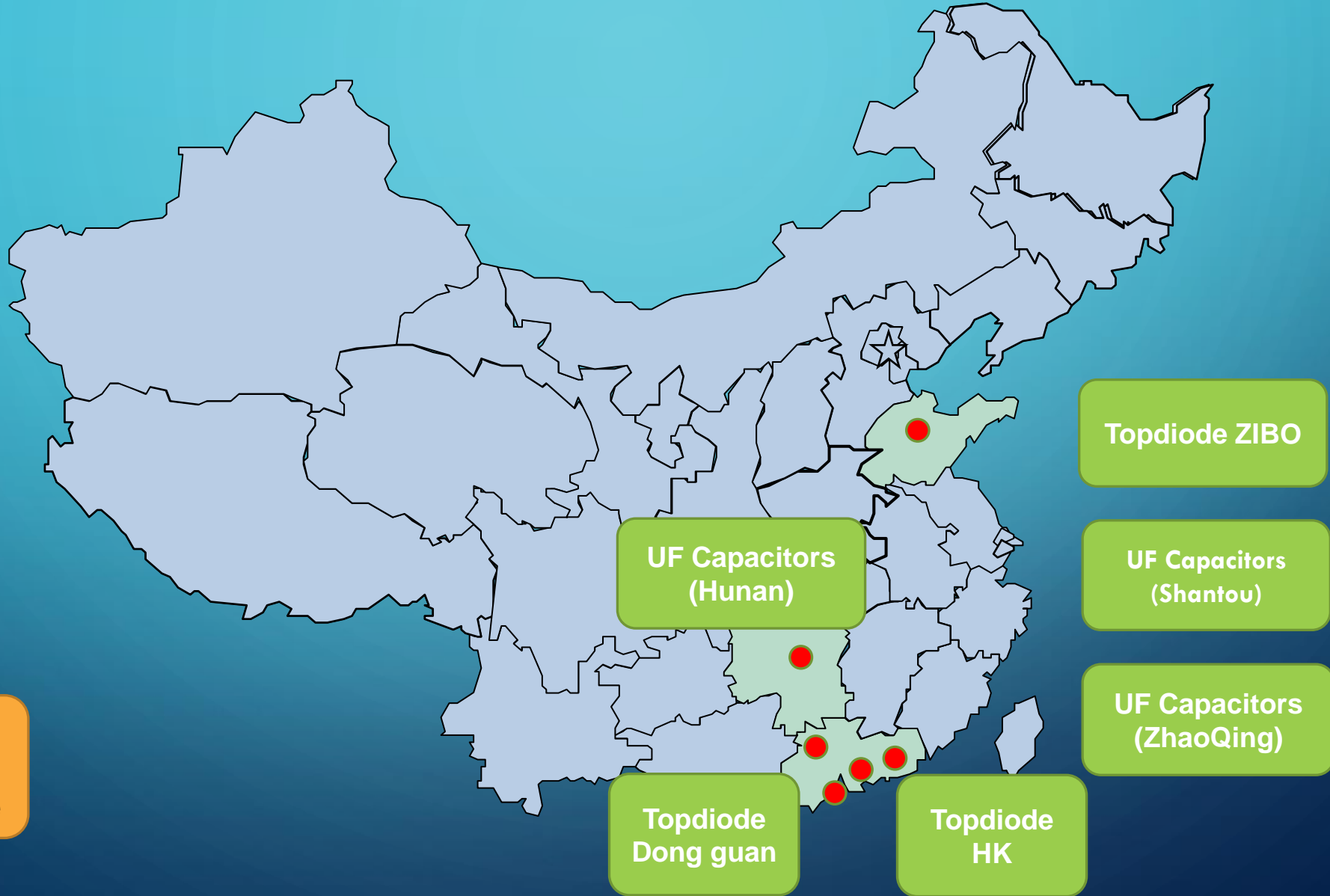
Sales office & warehouse center are located in Dongguan China.

Production capacity around 6 billion in 2020.

The Company's manufacturing facilities have achieved the Quality Awards of ISO9001:2015 certification.

Topdiode serves the consumer electronics, computing, communications, industrial markets, and military application.

Our Factories & Office Map



Topdiode Sao Paulo in Brazil Over-sales Office

Topdiode ZIBO

UF Capacitors (Hunan)

UF Capacitors (Shantou)

UF Capacitors (ZhaoQing)

Topdiode Dong guan

Topdiode HK

Topdiode Group Organization

**Topdiode Zibo
Shandong**
(Diode, Transistors)

**UF Capacitors
ZhaoQing**
MLCC

**UF Capacitors
Hunan**
Tantalum Cap

**UF Capacitors
Shantou**
Film Cap MOV
Y1 Y2 X2

Topdiode Dongguan
Overseas Sales Center
Sao Paulo Sales Office

Topdiode HK
Accounting & Financial

TIMELINE

Employees:

650/60 QC

350/30 QC

350/20 QC

250/25 QC

Square Meters:

30000

12000

15000

15000

Products:

X2 MKP, CL21 MET
POLYESTER, CBB MPP,
MOV VARISTORS

Diodes, Transistors,
Bridge

Tantalum, Low ESR
tantalum; Polymer
Tantalum, Military Cap

MLCC
(MultiLayerCeramicCap
acitors)

Monthly Capacity:

X2 60KKpcs; FILM CAP:
100KKpcs MOV
70KKpcs;
Disc ceramic cap:
300KKpcs

250KKpcs

120KKpcs (SMD +
Dipped)

3000KKpcs

**UF Capacitors
Shantou**

**Topdiode Zibo
Shandong**

**UF Capacitors
Hunan**

**UF Capacitors
ZhaoQing**

1995

1996

2000

2002

PRODUCTS – CERAMIC CAPACITORS(THT & SMD)

CT41 Chip MLCC, full chip size from
0402,0603,0805,1206,1210,1812,2220



CT42 Axial leaded,P:2.54mm & 5.08mm
CT4 Radial leaded

Cross ref: Murata RPE, AVX Skycap SR



CT81 High voltage ceramic cap
500V,1KV,2KV,3KV,4KV,5KV,6KV

Cross ref:Murata DEH, DEA, DEB, DEC,TDK CK45,CC45,Vishay SS



X1Y1 &X1Y2 safety cap

Safety approvals:ENEC,VDE,UL,KC/KTL,CQC

Cross ref: Murata KX KY, TDK CS45,Kemet C90



- * **RoHS , Reach; Halogen Free Cert (on request)**
- * **Y1, Y2 safety cap with CQC, UL, VDE KC safety approvals**
- * **Very competitive prices**
- * **2-4 weeks fast delivery; stock available for some regular items**

PRODUCTS –TANTALUM & NIOBIUM CAP.

CA42 Radial Epoxy dipped tantalum cap.
Cross reference: AVX TAP, Kemet T350-T390,
Nemco TB



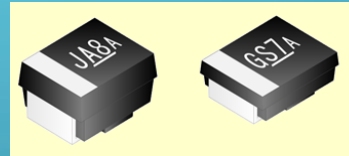
CA45(SMD, general purpose)
AVX TAJ, Kemet T491, Vishay 293D
CA45U, low ESR is available on request



CA55 Polymer Tantalum Chip Cap.
Lower ESR, High ripple handling



Niobium capacitors



- ***Military Quality Control for capacitors chips: GJB9001C-2017 qualification**
- ***RoHS, Reach, Metal Conflict Free certification**
- ***Fast Delivery & Regular Stocks (2-4 weeks for many items)**

PRODUCTS – PLASTIC FILM CAPACITORS

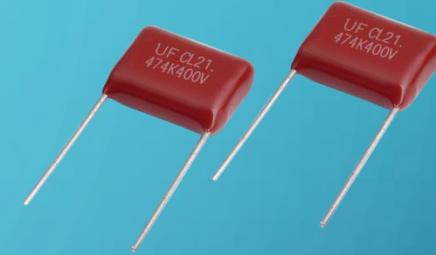
CL21 CL21B Metallized Polyester Capacitor

CBB21 CBB21B Metallized Polypropylene Cap.

CBB81 High Voltage Met Polypropylene Cap.

CL19,20 CBB19, 20 Axial Lead MKT, MKP Cap

X2 MKP CAPACITORS, BOX TYPE MKT, MKP CAP



- *RoHS, Reach, Halogen free (on request) certification
- *Mass Production achieves J +/-5% tolerance for CL21, CBB21, CBB81 series
- *105°C capacitors is available for CL21, CBB81 series
- *Box type, Dipped type, Radial and Axial Lead MLCC
- *Competitive Prices, 3-4 weeks delivery time

PRODUCTS – MOV & NTC

Leaded Varistors (MOVs), standard, high energy series,
6KV 3KA

Size:05D, 07D,10D,14D,20D

MF72 NTC Thermistor, SC: Silicone Coat (Green)

Size: D-5, D-7, D-9, D-11,D-13, D-20

MF72 NTC Thermistor, PF: Phenolic Coat (Black)

Size: D-5, D-7, D-9, D-11,D-13, D-20



- * CQC, UL, VDE, KC approvals for varistors
- * Varistors three levels: standard, high energy, 6KV 3KA power meter varistors
- * NTC Thermistor replace Epcos Thinking, with better prices and better support
- * RoHS, Reach, Halogen free compliant
- * 3-4 weeks fast delivery

PRODUCTS – SMD ELECTROLYTIC CAP

TCS -Std, 85°C V-chip aluminum e-cap.



TCK-Std, 105°C V-chip aluminum e-cap



Low Impedance SMD E-cap.
- TKZ 105°C Extremely Low Impedance



Low Impedance SMD E-cap.
- TFZ 105°C Long life, Extremely Low Impedance



***ISO 9001: 2015**

***RoHS , Reach, Halogen Free Cert**

***3-5 weeks fast delivery, sometimes stock available**

***Very Stable & High Quality**

***Very Competitive Prices**

PRODUCTS – DISCRETE SEMICONDUCTORS

Transistors



Rectifier Diode



TVS Diode



Switching Diode



Fast Recovery Diode

Zener Diode



Schottky Diode

PACKAGING - TOPDIODE

Bulk

**Through-hole
diode & bridge rectifier**



Ammo

Tape in Box (Ammo taped)
A-405, DO-41, DO-201AD,
DO-15, DO-27, R-6, DO-35



Tape & Reel

- **Tape & Reel Package**
SMA (DO-214AC), SMB(DO-214AA), SMC(DO-214AB) etc..



PACKAGING – UF CAPACITORS

Bulk

through-hole



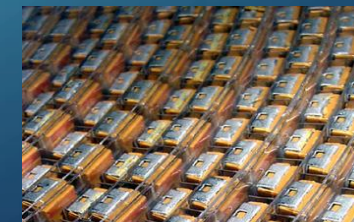
Ammo

Tape in Box (Ammo taped)



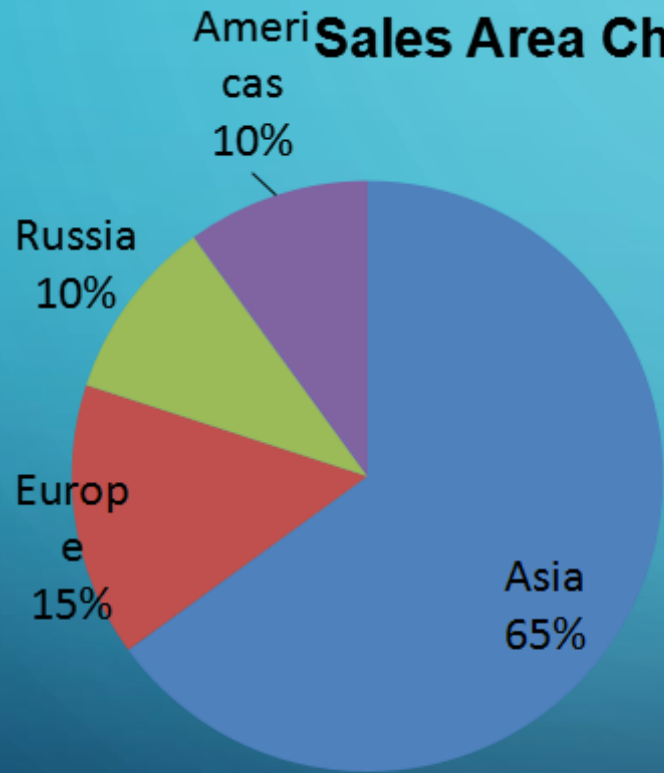
Tape & Reel

Tape & Reel Package

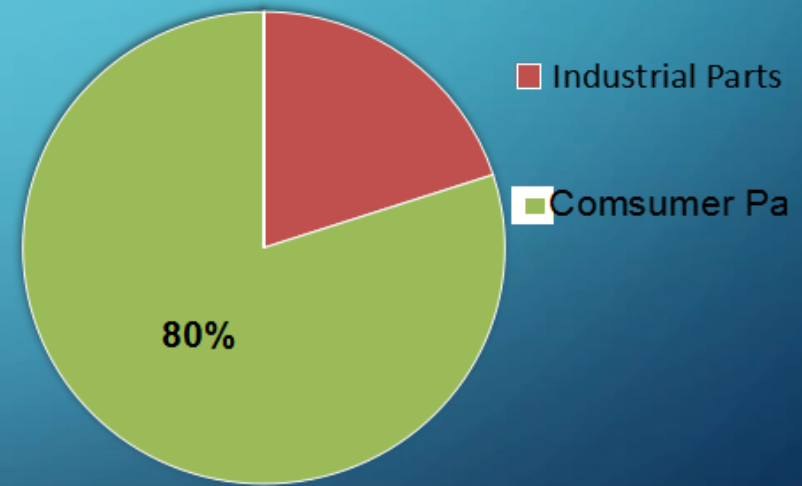


Marketing Share Chats

Sales Area Chat



Industrial Parts & Consumer Parts



TOPDIODE COMMITMENTS: QUALITY-SERVICE-PRICE

Topdiode **Quality** Commitment -- Topdiode commits to using standard chips for all our discrete components and capacitors. -- Topdiode conducts 100% full inspection before delivery. -- Topdiode will be responsible for each order no matter it is big or small.

Topdiode **Service** Commitment -- You can get on-time deliveries from Topdiode. -- You can receive fast response to any inquiries on price, lead time, samples, products info, technical info etc. -- You can get correct cross information from our professional sales staff.

Topdiode **Price** Commitment -- We offer you competitive prices in Asia market while maintaining good quality and service! -- Our price is much lower than Vishay, NXP, On Semi, Diotec, Kemet, Arcotronics, Pilkor, while our products are excellent and qualified replacement of theirs.

WHY CHOOSE TOPDIODE GROUP?

RoHS & Reach
Halogen free(at request)
ENEC, VDE, UL, KC Safety Approvals for Y1 Y2,
X2 Capacitors and MOV

**Qualifications: ISO 9001: 2015; IATF16949;
ISO14001; Military parts qualification for tantalum
capacitor fty**

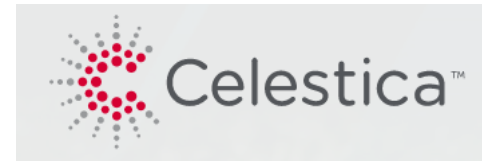
**Y1 Y2 X2 capacitors factory: UL recognized test
lab, testing at sites.**

**Recognized quality by international companies
such as: GE, PNE(Philips' OEM), Schneider**

**Experienced Sales Staff, Fast Response,
within 1 day;**

**Competitive prices, fast delivery (2-5
weeks for most products); keep regular
stock**

OUR CUSTOMERS



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partnership in excellence

Thank you!



Topdiode Group

