



**CONQUER Semiconductor International Corp.**

**Company Profile**



# FAST FACTS – CONQUER

	Conquer Headquarter	Branch office	Branch office	Branch office
Location	Shenzhen	Taiwan	HongKong	SuZhou
Founded	2004	2016	2004	2010
2019 Overall Revenue	<b>US\$62M</b>	US\$31M	US\$6M	US\$8M
Employee	90 ( 15 PM, 35Sales, 13 FAE, 27 Others)	17 ( 3 PM, 8 Sales, 2 FAE, 4 Others)	12( 8Sales,4 others)	6 Sales
Customer Base	>400	> 150	>30	>50
Lab	Own lab in ShenZhen	Own lab in Taiwan		
Warehouse	1	1	1	N/A

Overall: 125 Employees ( Sales 57, PM18, FAE 15, others 25)  
 others including supporting finance and customer service/ warehouse / admin



# Sales Coverage

- ▶ ShenZhen office (Headquarter)  
CONQUER ELECTRONICS SHENZHEN CO.,LTD
- ▶ Taiwan office  
CONQUER SEMICONDUCTOR INTERNATIONAL CORP.
- ▶ Hong Kong office  
CONQUER ELECTRONICS (H.K) CO.,LTD
- ▶ North China office  
CONQUER ELECTRONICS (Su Zhou) CO.,LTD



# EXTENSIVE LOGISTICS FACILITIES (WAREHOUSE)





# Logistic

- ◆ Order release to delivery within one hour
- ◆ Small quantity and MOQ requirement
- ◆ Qualified IC storage warehouse
- ◆ High efficiency and fast response



Hong Kong



China





# Others Investment

## A) Dong Guang, China

- Design House
- Power Supply Manufacture
- provide production solution

EX: 3KW to 6KW charge station / GaNsystem 3kw bridge less totem pole  
PFC EVK production & testing.

## B) ShenZhen Huaqiang North, China

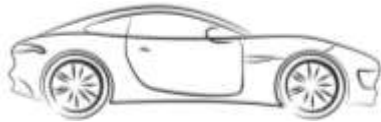
- Electronics trading market store.(over ten years ago)



# Two Key Growth Engines

## I. Technical Expertise:

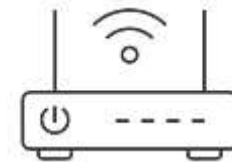
### Focus on Segment Marketing



Automotive



Analog/Digital Consumer



Wireless and Telecom Power

SMPS (focus on Telecom Power, Server Power, Adapter etc.), LED lighting, Solar, EV charging & LSEV, DC/DC converter.

**Reinvest to grow with suppliers Net gross profit % up.**



# Two Key Growth Engines

## II. Supply Chain Solutions:

Drive cost effective supply chain solutions through CONQUER Logistics Forecast pipelining , VMI , **Material Management**.

Provide better cost structure to suppliers and customers expense per profit % down.





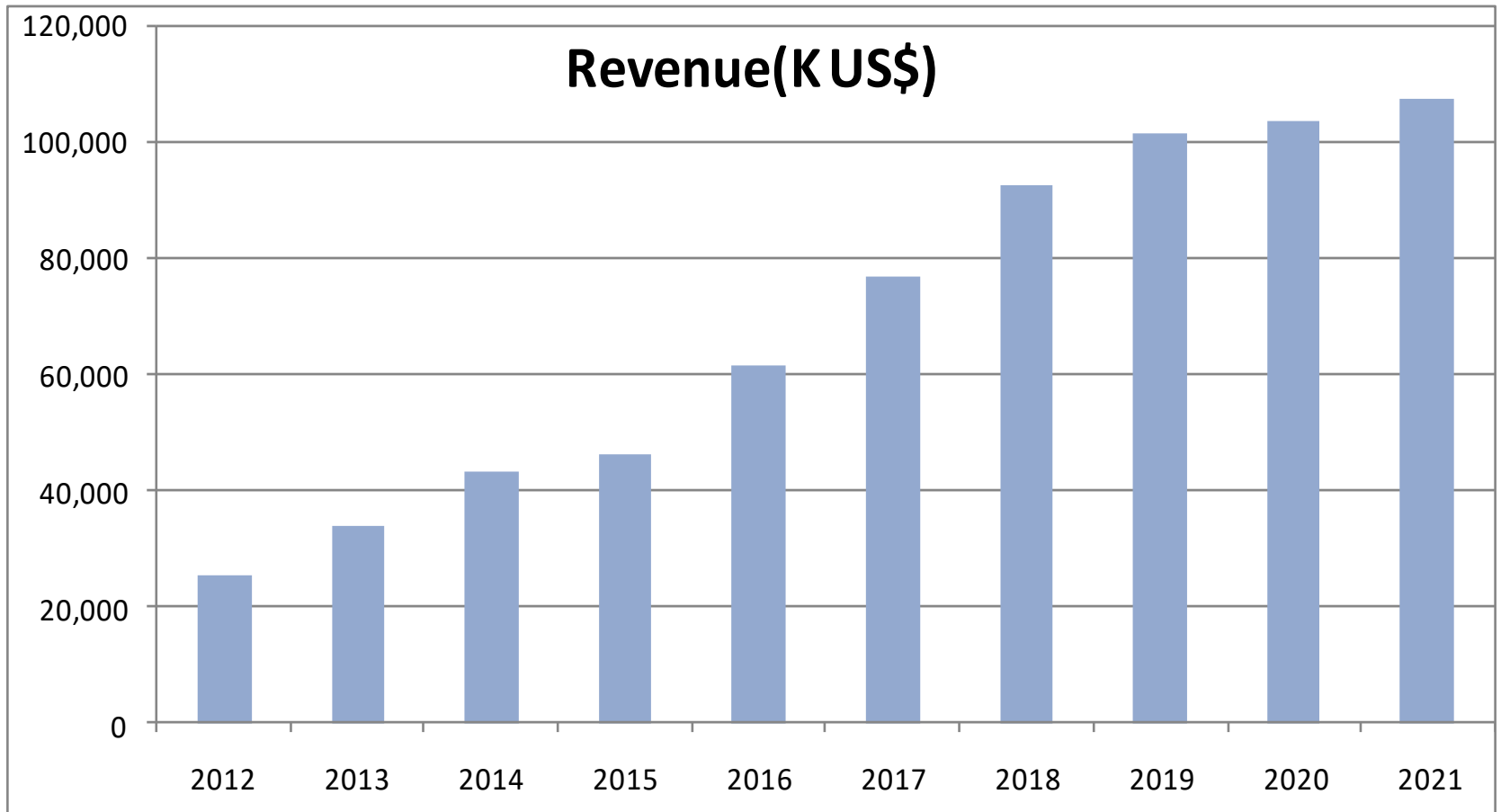


# CONQUER Advantage

1. In Taiwan & China have two labs can support power unit AC to DC from small & middle power to high power around 7kw test instrument.
2. Long term to create & planning for new energy product line (EX: Quickly charger for Qualcomm platform QC3.0 & 4.0 Protocol IC ; Wireless charger TX & RX for Qi solution / USB Power Delivery (PD) solution/
3. Experienced for new technology product lines that need to sustain long term plans. ( EX: CREE for SiC / Transphorm for GaN)
4. In Taiwan Major power customer have vender code ( EX: DELTA / ACBEL/ Chicony) and current business keep going.  
We have more experience for power semiconductor selling.



# Revenue History



Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Revenue(K US\$)	25,385	33,846	43,077	46,154	61,538	76,923	92,308	101,312	103,312	107,215



# Revenue History and Plan

Application	2022 FC M USD
Telecom Power	18.0
Server Power	10.0
Adapter/ Charger	33.1
LEV/ DCDC Inverter	5.9
PC/ Industrial Power	26.0
Telecom/ ADSL Router	14.5
NB/ MB/ IPC	15.0
Others consumer	13.0
Total	118.5

- ▶ CONQUER focus on power relative semiconductors product & Flash Memory SSD/ eMMC/ SPI NOR Flash/ SD Card.
- ▶ Set up dedicate Power & Computing team to support customer.
- ▶ Have own lab can support EMI test, high temperature test, aging test and so on.
- ▶ Will focus on new energy field in the next 3 years, including EV charger, DC/DC converter, OBC and Wireless Charger.
- ▶ 2022 target revenue will be 118.5M USD.



# Major Customers



CARE . TRUST . RESPONSIBILITY





# Major Customers

Qisda

arcadyan

 **umec**  
Universal Microelectronics co.,LTD.

**AVerMedia**

**Gemtek**

**Chroma**

**Chicony**<sup>®</sup>

  
**LUXSHARE TECH**

**HIWIN**<sup>®</sup>  
上銀科技

  
**HIGH POWER**

 **bel** POWER SOLUTIONS & PROTECTION  
FROM GROUND

**CLEVO**<sup>®</sup>

 **SYSGRATION**<sup>®</sup>  
系統電子工業股份有限公司

 **SENTEC**

**IEI**<sup>®</sup>  
IEI Integration Corp.

 **I/CON**  
ADVANCED CONNECTEK INC.  
遠景科技股份有限公司

 **亞力電機**  
Allis Electric Co., Ltd.



# Major Customers



美律實業  
MERRY ELECTRONICS CO.,LTD.





# Focus and Direction

High

Power Rating

Small

Those are  
new focus and  
way of direction



Mature

Market

Emerging



# Wide Band Gap, WBG—SiC and GaN

## SiC MOSFET 650V/1200V/1700V

**650V- Server/Telecom/Industry Power to replace Infineon Cool Mosfet**

1. Bridge less Totem Pole PFC Topology
2. Titanium medal Efficiency

**Server/Telecom/Industry Power Major customer**

TAIWAN: DELTA/ LITE-ON/ ACBEL/ CHICONY/ FSP/COMPUWARE

Oversea: Flextronics/Bel Power/ Murata Power/ AE Power (Artsyn)

China : Hunkey/ Great wall/ PI/ GossPower

**1200V & 1700V - PV Inverter/ OBC charger/ Charger station/instrument**

1. Three phase & Boost circuit

**Server/Telecom/Industry Power Major Customer:**

TAIWAN: Delta/ Acbel/LITE-ON/ Phihong/Darfon

China: BYD/ Sungrow/ ZTE

**Instrument Major Customer:**

TAIWAN: Chroma/ Extech:





# Wide Band Gap, WBG—SiC and GaN

## GaN Power Transistor-650V

**650V- Server/Telecom/Industry Power to replace Infineon Cool Mosfet**

1. Bridge less Totem Pole PFC Topology
2. Titanium medal Efficiency
3. High switch frequency

Major customer

TAIWAN: DELTA/ LITE-ON/ ACBEL/ CHICONY/ FSP/COMPUWARE

Oversea: Flextronics/Bel Power/ Murata Power/ AE Power (Artsyn)

China : Huawei/Hunkey/ Great wall/ PI/ GossPower

**650V- 45W/65W/100W with USB PD Adapter and over 100Watt adapter**

1. Slim & Lower Size request
2. High switch frequency for LLC & PFC topology
3. Reduce hard switch loss

TAIWAN: DELTA/ LITE-ON/ ACBEL/ CHICONY/ FSP/Phihong/

Oversea: Flextronics

China : Huawei/ Luxshare / Salcomp / Hunkey



# Product Line (Taiwan)

	<u>Aceinna</u>	電流傳感器		<u>hy</u>	二極體、橋式整流器、保護類元件、車規電子元件
	<u>AiT</u>	電源管理、分離式元件、汽車、電感器、無源晶振、保險絲		<u>Hynetek</u>	USB TYPEC PD、受電傳輸、線纜、負載開關
	<u>APEC</u>	功率電晶體、絕緣柵雙極型、接面二級體		<u>IPS</u>	場效應電晶體、IGBT
	<u>BiWin</u>	嵌入式晶片、存儲模組、工業控制系統、封測服務		<u>Jingheng Group</u>	二極管、電晶體、三極管、同步整流器、芯片
	<u>ESMT</u>	記憶體、混合訊號積體電路、物聯網電路、遙控伺服		<u>LiSion DISCRETE/IC</u>	二極體、電晶體、場效應電晶體
	<u>Fitipower</u>	電源管理、液晶顯示器驅動IC		<u>mCube</u>	傳感器組件、傳感器模塊、穿戴式傳感器系統



# Product Line (Taiwan)

 <p>银河微电子 Galaxy Microelectronics</p>	<u>Galaxy</u>	二極管、晶體管、線性 IC、光電器件	 <p>PFC Device Inc. 即能元件有限公司</p>	<u>PFC</u>	整流器、場效應電晶 體、絕緣柵雙極電晶 體、橋式整流器
 <p>GaN Systems</p>	<u>GaNsystems</u>	氮化鎵電晶體	 <p>power forest 力林科技股份有限公司</p>	<u>Power forest</u>	DC/DC 轉換器、AC/DC 轉換器
 <p>GeneSiC<sup>TM</sup> SEMICONDUCTOR Energy Efficiency Through Innovation</p>	<u>GeneSic</u>	碳化矽二晶體、電晶體	 <p>Technology Innovator Puya</p>	<u>PUYA</u>	記憶體、裸晶圓、晶圓 級芯片封裝
 <p>greenergy.</p>	<u>greenergy</u>	轉換器IC、光電IC、電 源管理IC	 <p>solantro<sup>®</sup> SEMICONDUCTOR CORP.</p>	<u>solantro semiconducto r</u>	電源管理器、電源處理 器、DC控制器
 <p>紫光國微 GUOXIN MICRO</p>	<u>GUOXIN MICRO</u>	芯片、功率器件、晶體 頻率器件	 <p>UTC</p>	<u>UTC</u>	電源管理、晶體管、場 效應電晶體



# Own Lab



Own Lab



# New Solution From Own Lab

## 3KW Charger

- Wide input voltage from 80VAC-270VAC
- Output 36-72V adjustment
- Various of protection including OVP,OCP,OTP
- Lead Acid and Li-ion Battery can be charged directly





# New Solution From Own Lab

## 3KW Industrial Power

- Wide input voltage from 80VAC-270VAC
- Output 12V/200A
- Various of protection including OVP,OCP,OTP
- Key Application: Welding Machine.





# Location (Taiwan)

- ▶ 3F., No.159, Sanmin Rd., Luzhou Dist., New Taipei City 24760, Taiwan (R.O.C.)
- ▶ Tel:+886-2-2283-9288 / Fax:+886-2-2283-0880





# Location (China-Shenzhen & East China Office)

- ▶ **Shenzhen Headquarter**
- ▶ Room 405, 4th Floor, Cross-Border E-commerce Center Building, Huanan Rd., Longhua Dist., Shenzhen City
- ▶ Tel:+86 755 8398 7713 / Fax :+852 2553 6768



- ▶ **East China Office-China**
- ▶ TEL : +86 135 8544 9603
- ▶ E-mail : 2355858259@powergs.com





# Location (Hong Kong)

- ▶ Room D, 9F, Yally Industrial Building, No.6, Yip Fat Street, Hong Kong
- ▶ Tel:+852 2553 6768





▶ Thank you