

CET

CET-MOS

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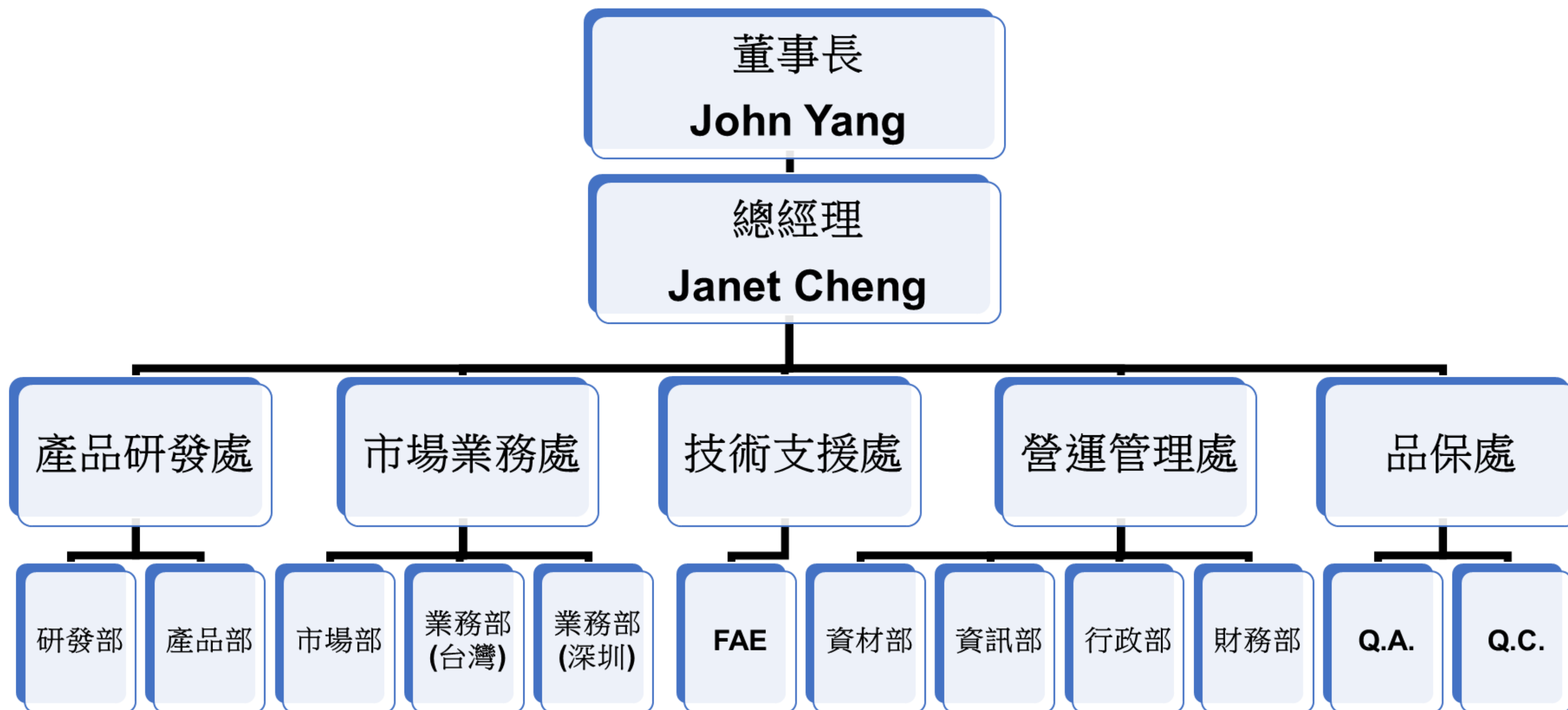


關於我們

華瑞功率電子股份有限公司(CET-MOS) 為一群擁有多年研發設計及生產製造經驗的團隊所組成，近30年的技術與經驗，致力於開發高品質金屬氧化半導體場效電晶體(MOSFET) 之自有品牌公司。

CET-MOS 團隊可提供高可靠度之各種功率元件，亦協助各國際大廠ODM 與OEM設計封裝並提供完整解決方案。





服 務 SERVICE
 創 新 INNOVATION
 機 動 DYNAMIC

提供最佳品質與可靠度的產品
 以滿足客戶的需求是華瑞功率公司
 永續追求品質政策。

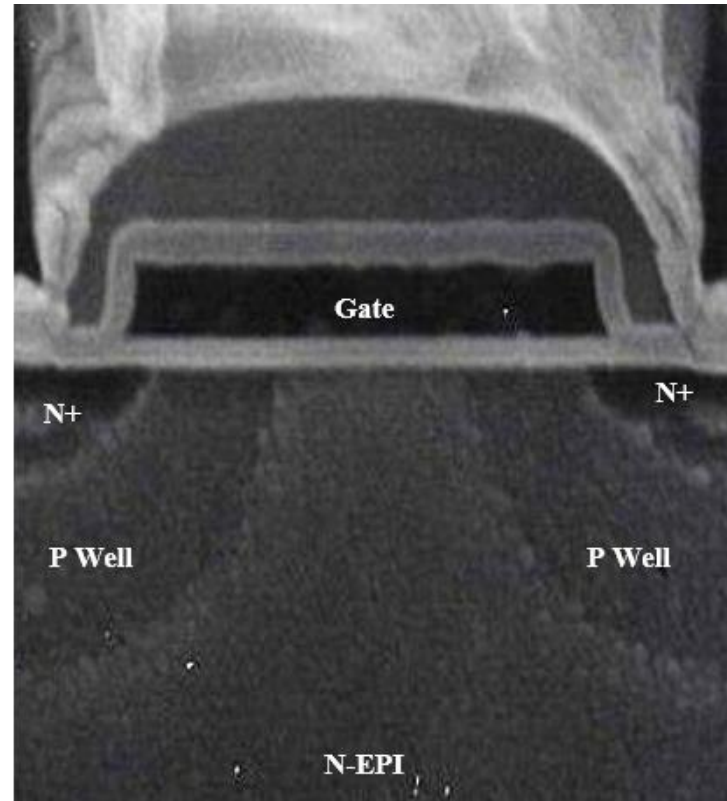
ASSEMBLY PROCESS	ASSEMBLY TYPE	RoHS							REACH (SVHC)	Non-Halogen
		Pb	Cd	Hg	Cr+6	PBDEs	PBBs	Phthalates (DBP, BBP, DEHP, DIBP)		
Epoxy Process	SOT, SOP, TSOP, TSSOP, DFN...	V	V	V	V	V	V	V	V	V
Solder Process	TO, PPAK...	Pb>1000ppm Exemptions AnnexIII 7(a)	V	V	V	V	V	V	V	V



MOSFET

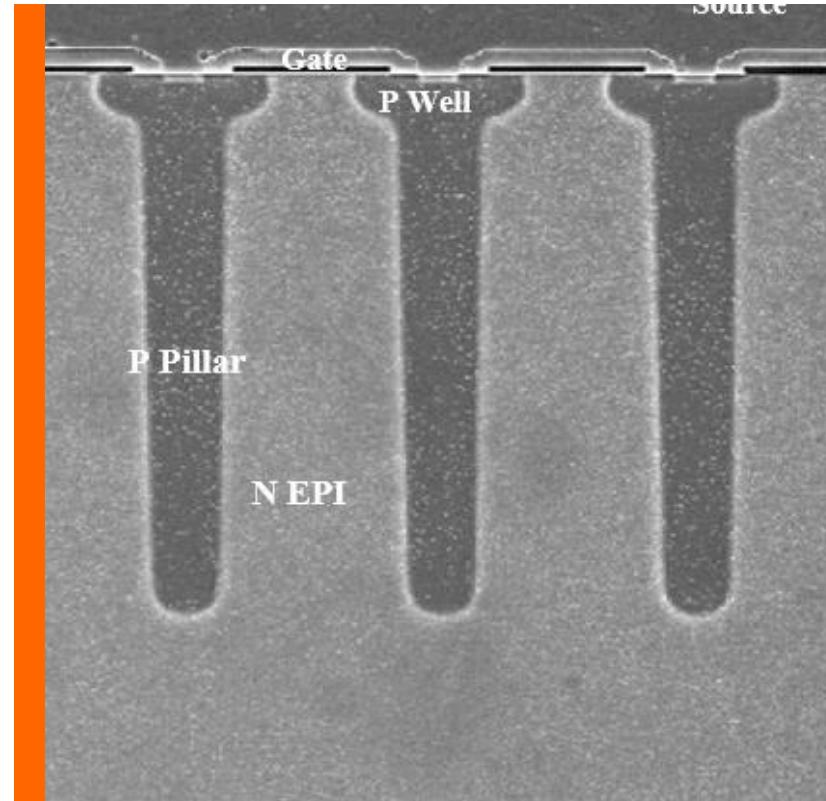
各種不同製程技術與產品特性於應用

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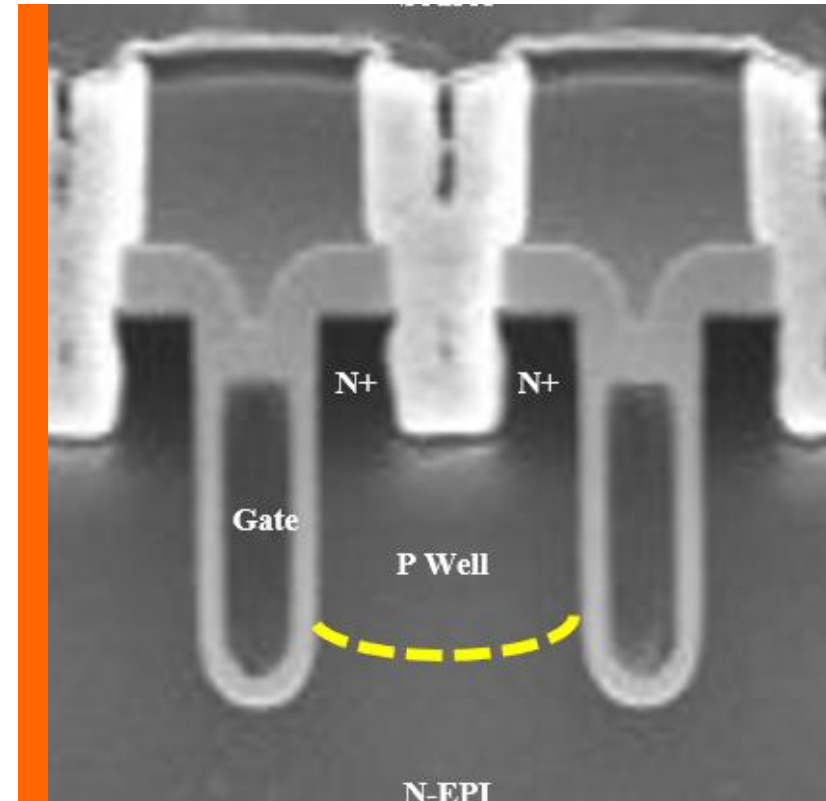
平面製程元件

- High Voltage
- High Power
- Higher UIS
- Low Qgd



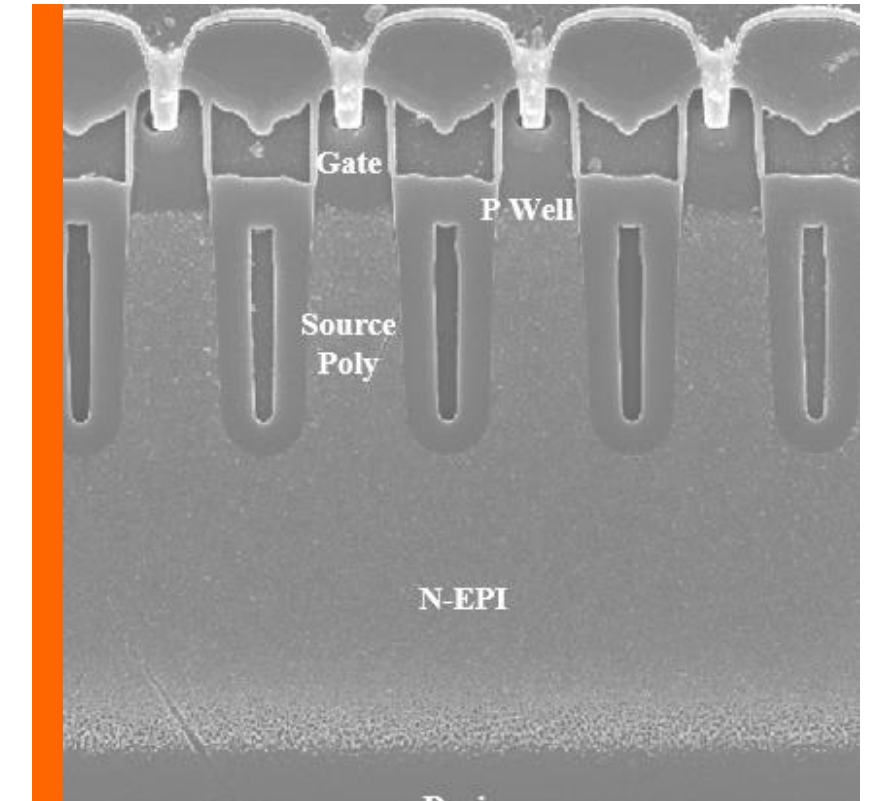
超結製程元件

- Planar Gate Structure
- High Drain-Source Breakdown
- Excellent $R_{ds(on)} * Q_g$
- High Switching Speed



溝槽式製程元件

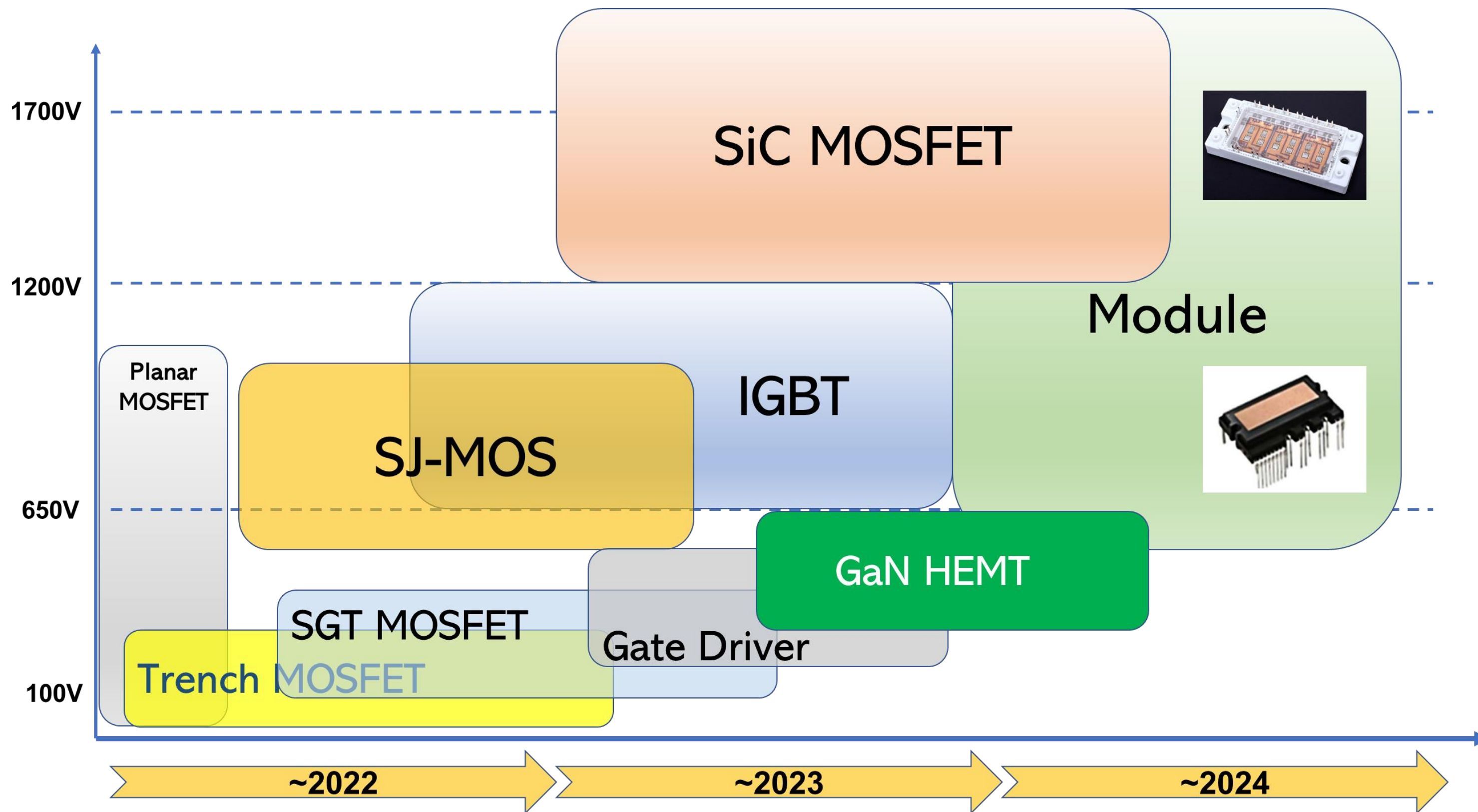
- Higher Density
- Lower $R_{ds(on)}$
- Lower Qgd
- Suitable Die Size
- Lower Cost



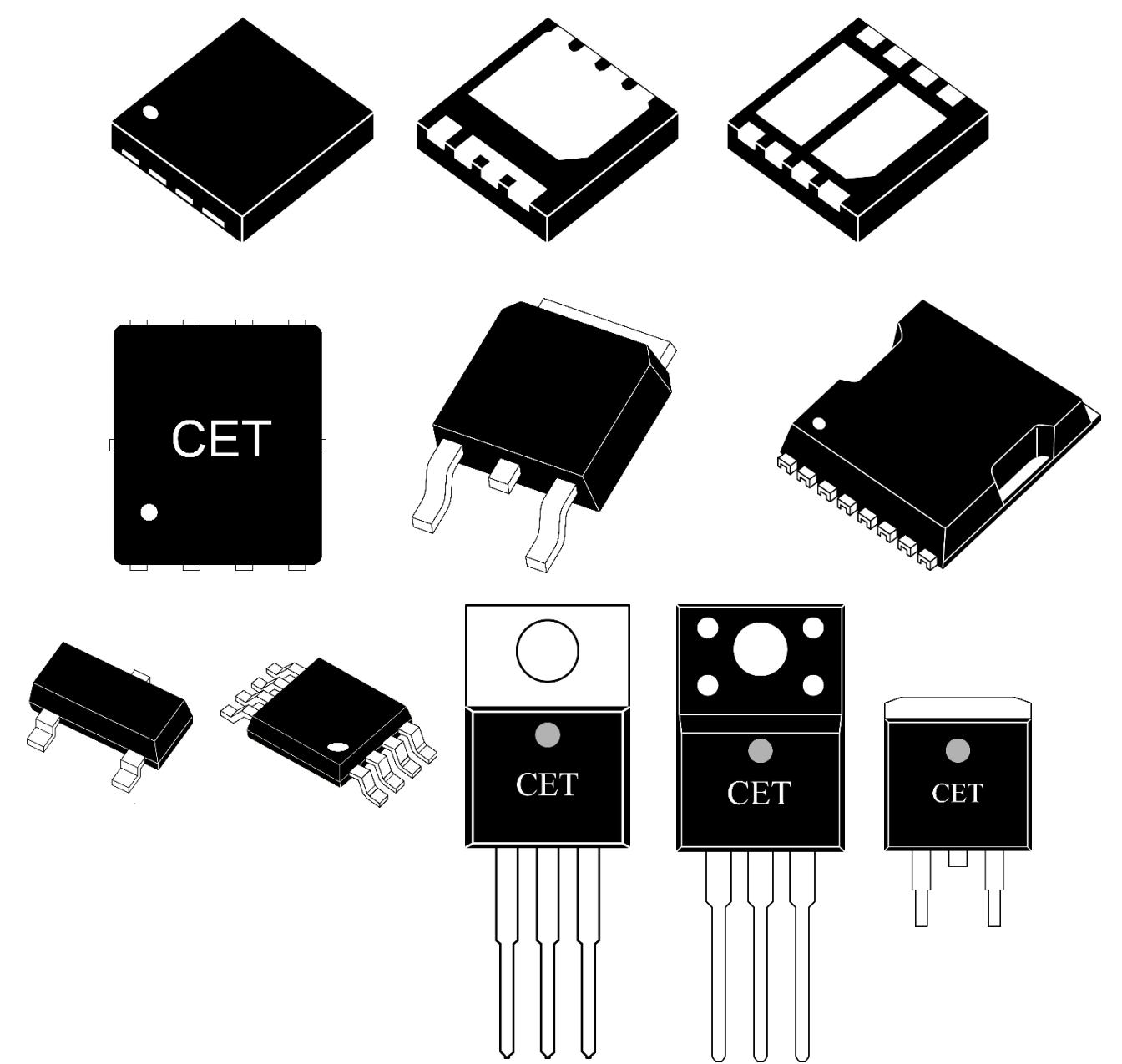
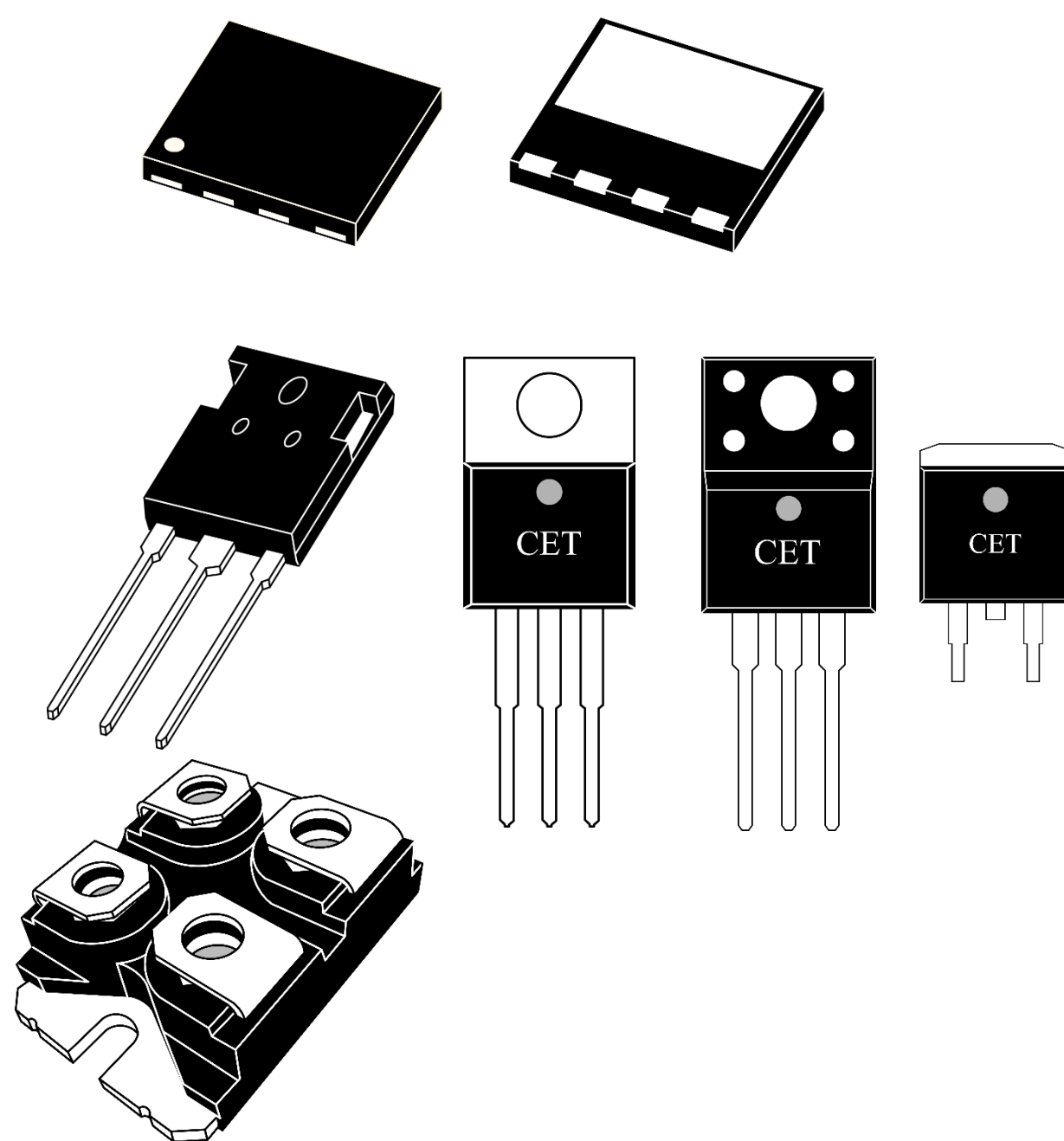
分離閘極式元件

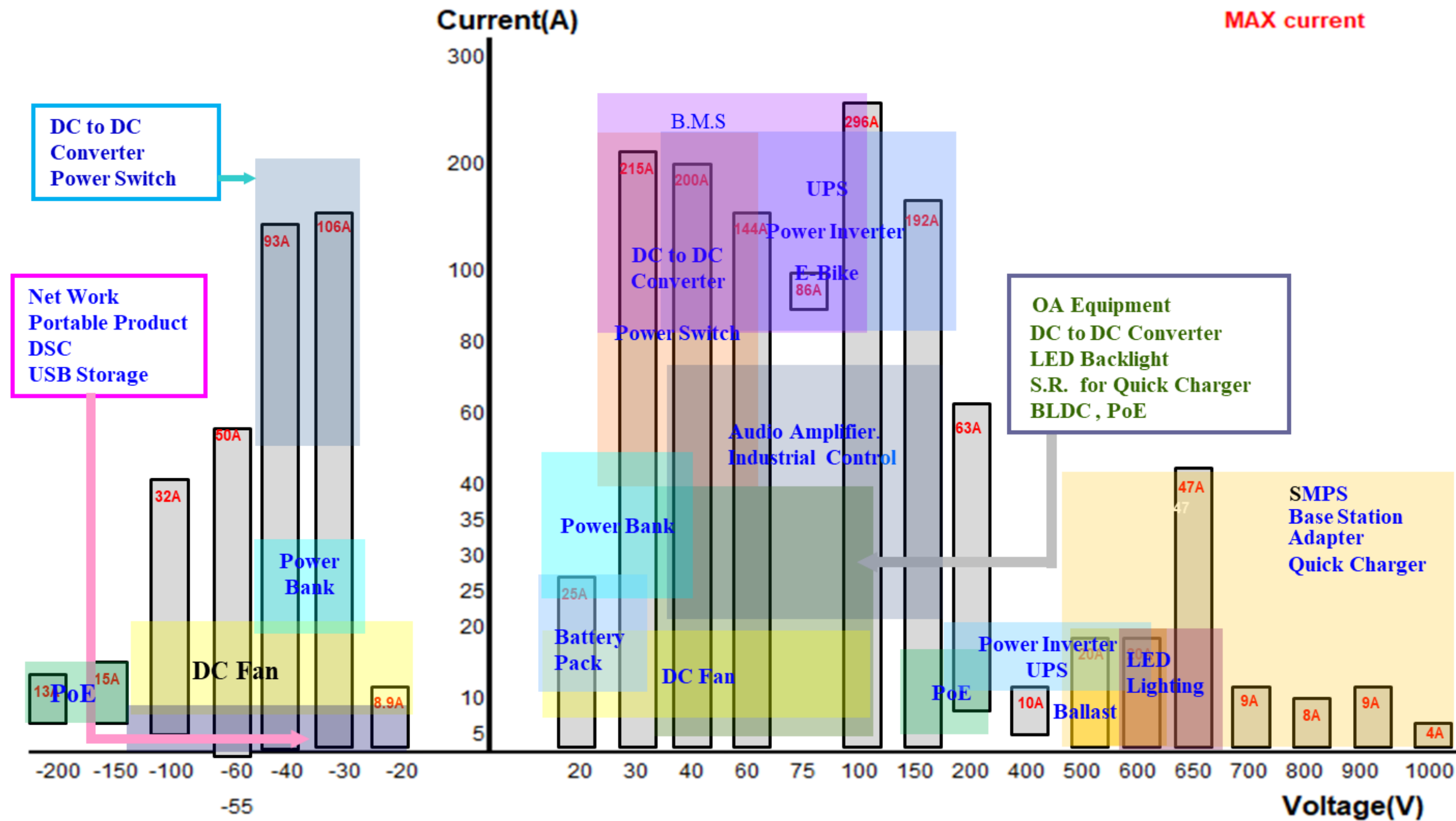
- Trench Gate Structure
- Low & Medium Drain-Source Breakdown
- Ultra Low $R_{ds(on)}$
- Lower Qgd/Qgs Ratio

產品開發藍圖



多様化製品選擇

Products	LV/ MV MOSFETs	HV MOSFETs
Vds (V)	-200 ~ 500	500 ~ 1000
Packages		

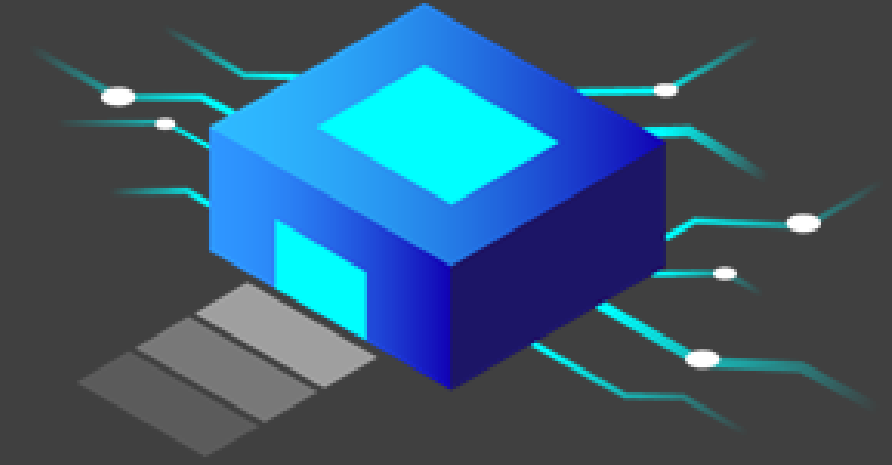


- ◆ **Battery Protect**
 - Safety switches
- ◆ **Inverter/ Converter**
 - DC/AC conversion and load switches
- ◆ **Adapter/Charger/SPS**
 - Fly back/Forward /LLC switches
- ◆ **LED Lighting**
 - Buck/Boost switches
- ◆ **Network Communication**
 - DC/DC conversion & load switches
- ◆ **UPS**
 - High Power/Bridge switches
- ◆ **Motor/E-Bike**
 - High power Bridge switches
- ◆ **Monitor**
 - Switches
- ◆ **LED Display**
 - Switches
- ◆ **VGA**
 - DC/DC conversion & load switches

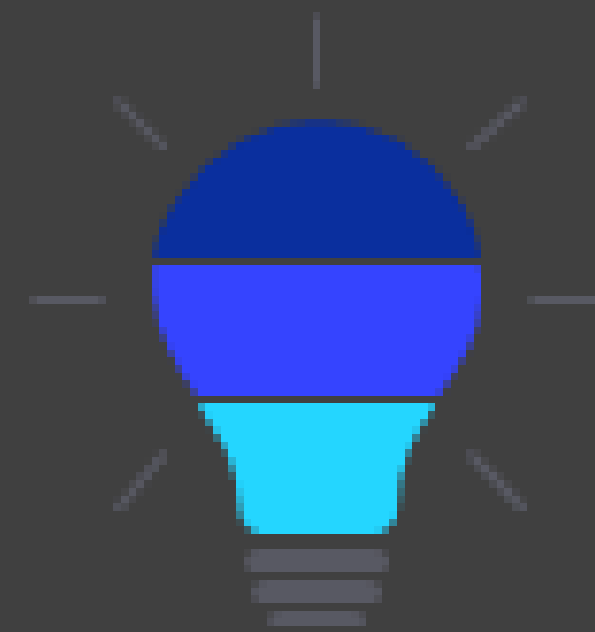


商業模式

- ◆ 自有品牌
- ◆ 委託設計
- ◆ 代工生產
- ◆ 客製化/ 一站式服務
- ◆ 全方位解決方案服務



What can we do?!





Thank You!

