



Alfa-MOS Technology Corp.  
闡能科技股份有限公司

*Company Profile*



**Alfa-MOS Technology Corp.**

*Jan. 2021*



- **Alfa-MOS Technology Corp.** is established in 2010, Taipei, Taiwan. Company is near to **Taipei NanKang Sofeware Park (NKSP)**.
- **Alfa-MOS Technology Corp.** specializes intellectual properties in the development of Advance Power MOSFET & Power Management ICs.
- All of product in **Alfa-MOS Technology Corp.**, the is applied in wide electronic field, including portable electronic equipment, PC, Notebook ...etc.
- Specially, the LED Lighting & E-bike, **Alfa-MOS Technology Corp.** do the effort to support the high voltage& Ultra-Low RDS(on) Power MOSFET.
- To offer the Halogen-Free and Excellent property products, **Alfa-MOS Technology Corp.** contributes to “**Green Product**”, the product are qualified by **SGS** and meets **ROHS** specifications.



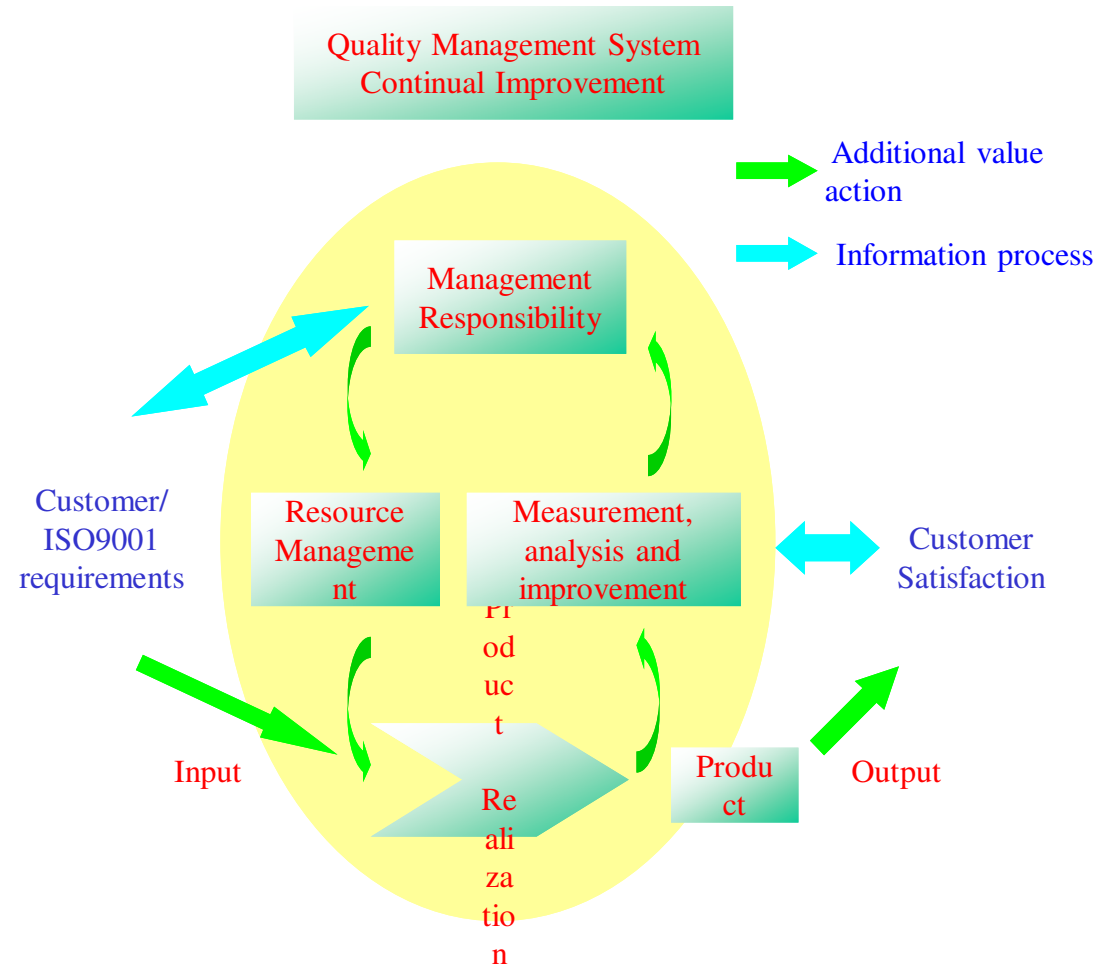


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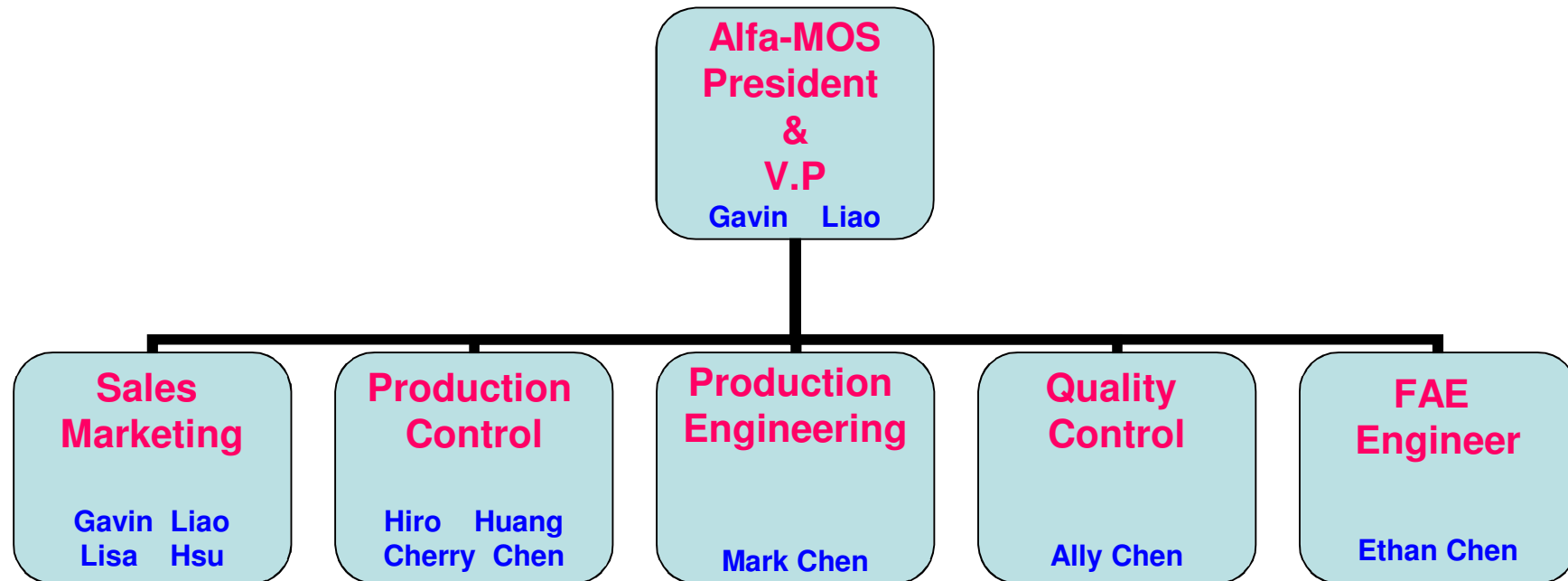
*Headquarter*



**2F., No.80, Sec. 1, Cheng Kung Road, Nan Kang Dist., Taipei City 115, Taiwan**  
**115台北市南港區成功路一段80號2樓** **TEL.:+886-2-2651-3928**









**ROHS Specification**

Cadmium	< 100 ppm
Hg	< 1000 ppm
Lead (Pb)*	< 1000 ppm
Hexavalent Chromium (Cr6+)	< 1000 ppm
Poly Brominated Biphenyls (PBB)	< 1000 ppm
Poly Brominated Diphenyl Ethers (PBDE)	< 1000 ppm

**Green Specification**

Bromine	< 900 ppm
Chlorine	< 900 ppm
Total Bromine and Chlorine	1500 ppm max
Antimony	< 900 ppm





● **Wafer Foundry**

- MOSEL Vitelic Inc.
- Episil Technologies Inc.
- Powerchip Semiconductor Manufacturing Corp.
- Vanguard International Semiconductor Corporation

● **Wafer Testing**

- Micro Silicon Elecs. Corporation

● **Assembly & FT**

- Jiangsu Changjiang Electronics Technology Co. Ltd.
- Shanghai SIMAT Microelectronics Technology Co.LTD
- Great Team Backend Foundry (Dongguan), Ltd.
- AIC Semiconductor Sdn Bhd (Malaysia)





Factory	Website
Mosel Vitelic Inc.(台灣茂矽電子股份有限公司)	<a href="http://www.mosel.com.tw/">http://www.mosel.com.tw/</a>
Vanguard International Semiconductor Corporation (世界先進積體電路股份有限公司)	<a href="http://www.vis.com.tw/">http://www.vis.com.tw/</a>
Powerchip Semiconductor Manufacturing Corp. (力晶積成電子製造股份有限公司)	<a href="https://www.powerchip.com/">https://www.powerchip.com/</a>
Episil Technologies Inc.(漢磊科技股份有限公司)	<a href="http://www.episil.com/">http://www.episil.com/</a>
Micro Silicon Elecs. Corp.(台灣微矽電子股份有限公司)	<a href="http://www.msec.com.tw/">http://www.msec.com.tw/</a>
Jiangsu Changjiang Electronics Technology Co. LTD.(江蘇長電科技股份有限公司)	<a href="http://www.cj-elec.com/">http://www.cj-elec.com/</a>
Shanghai SIMAT Microelectronics Technology Co.LTD(上海芯哲微電子科技有限公司)	<a href="http://www.simat-sh.com/">http://www.simat-sh.com/</a>
Great Team Backend Foundry (Dongguan), ltd.(杰群電子科技(東莞)有限公司)	<a href="http://www.gtbf-ltd.com/">http://www.gtbf-ltd.com/</a>
AIC Semiconductor Sdn Bhd (Malaysia)	<a href="http://www.aicsemicon.com/">http://www.aicsemicon.com/</a>

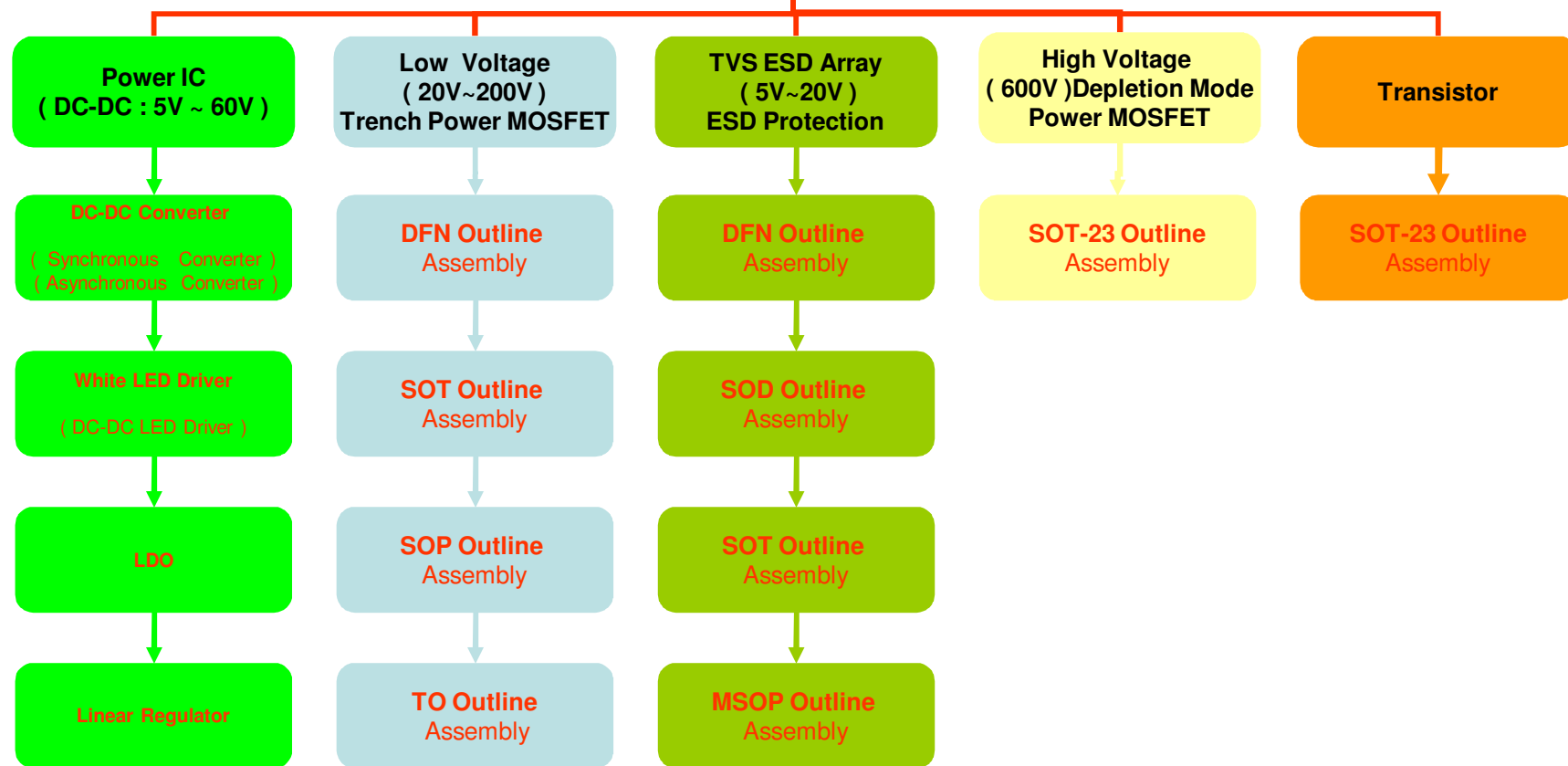


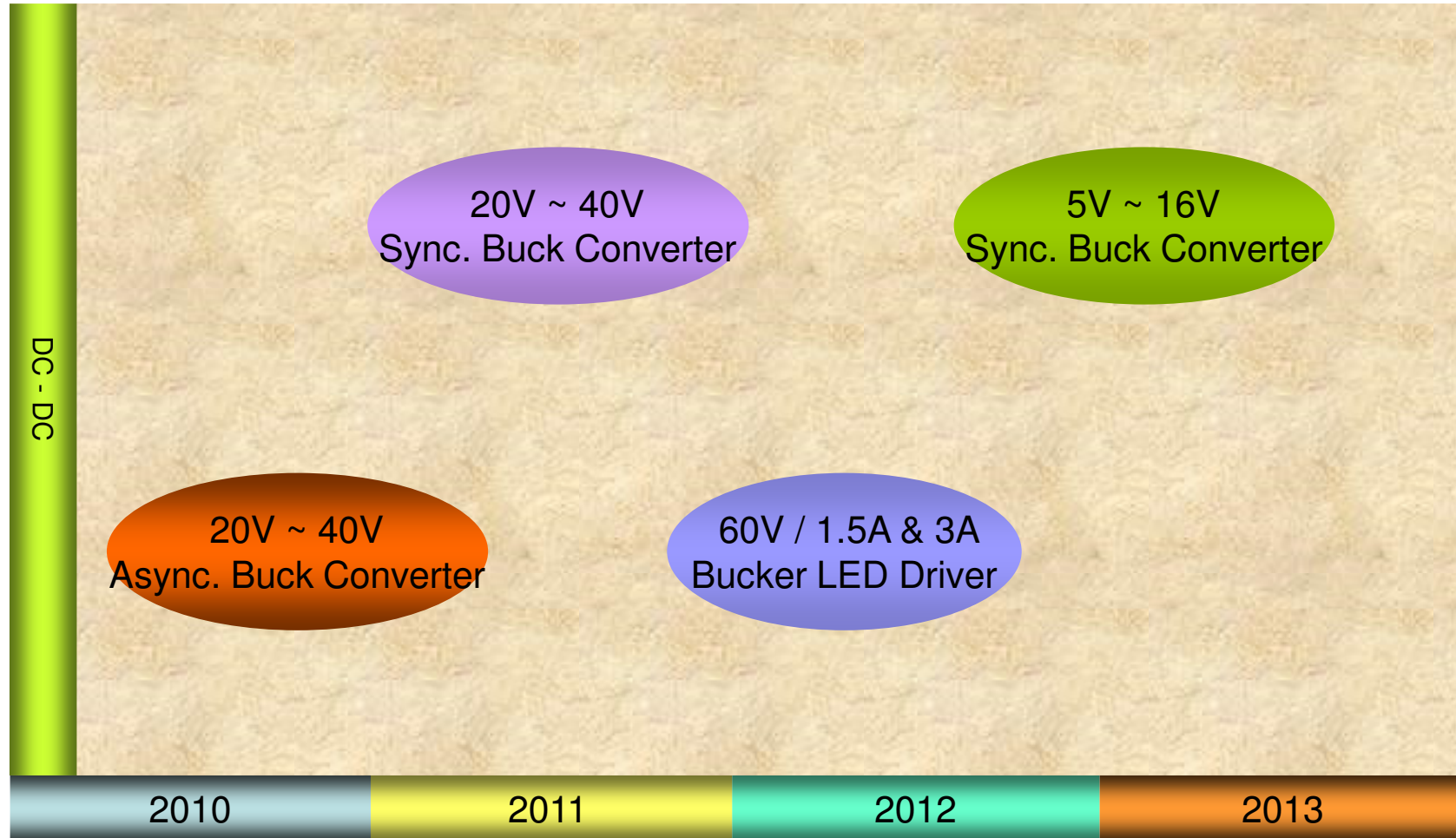
- **ISO Certified Supply Chains**

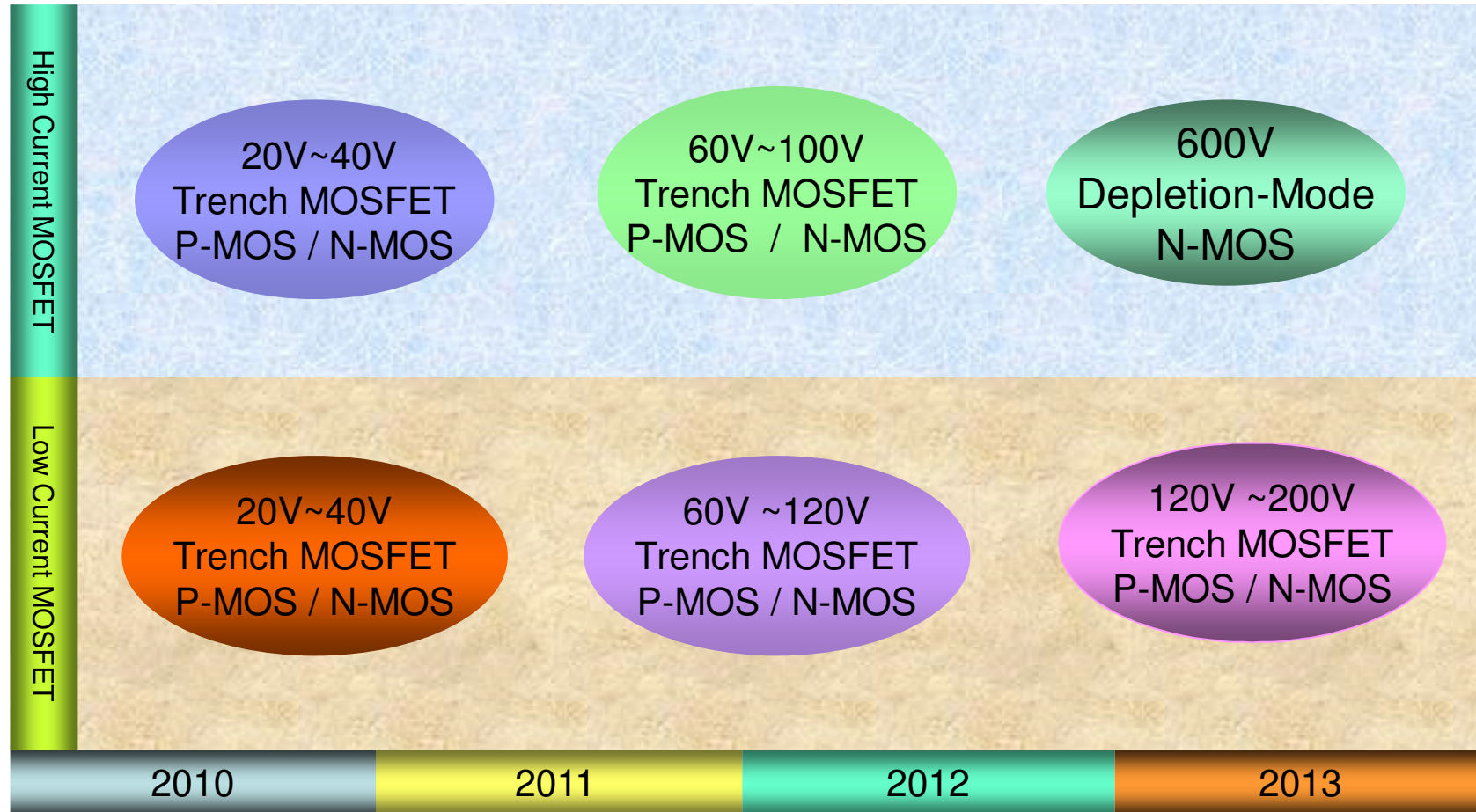
<b>EPI Wafer Manufacturer :</b> ISO 9001 Certified ISO 14001 Certified QS 9000 Certified Health and Safety Certified	<b>Wafer Foundry :</b> ISO 9001 Certified TS16949 Certified ISO 14001 Certified ISO Guide 25 Certified
<b>Assembly House :</b> ISO 9002 Certified TS 16949 Certified ISO 14001 Certified QS 9000 Certified	<b>Alfa-MOS :</b> ISO 9001 Certified

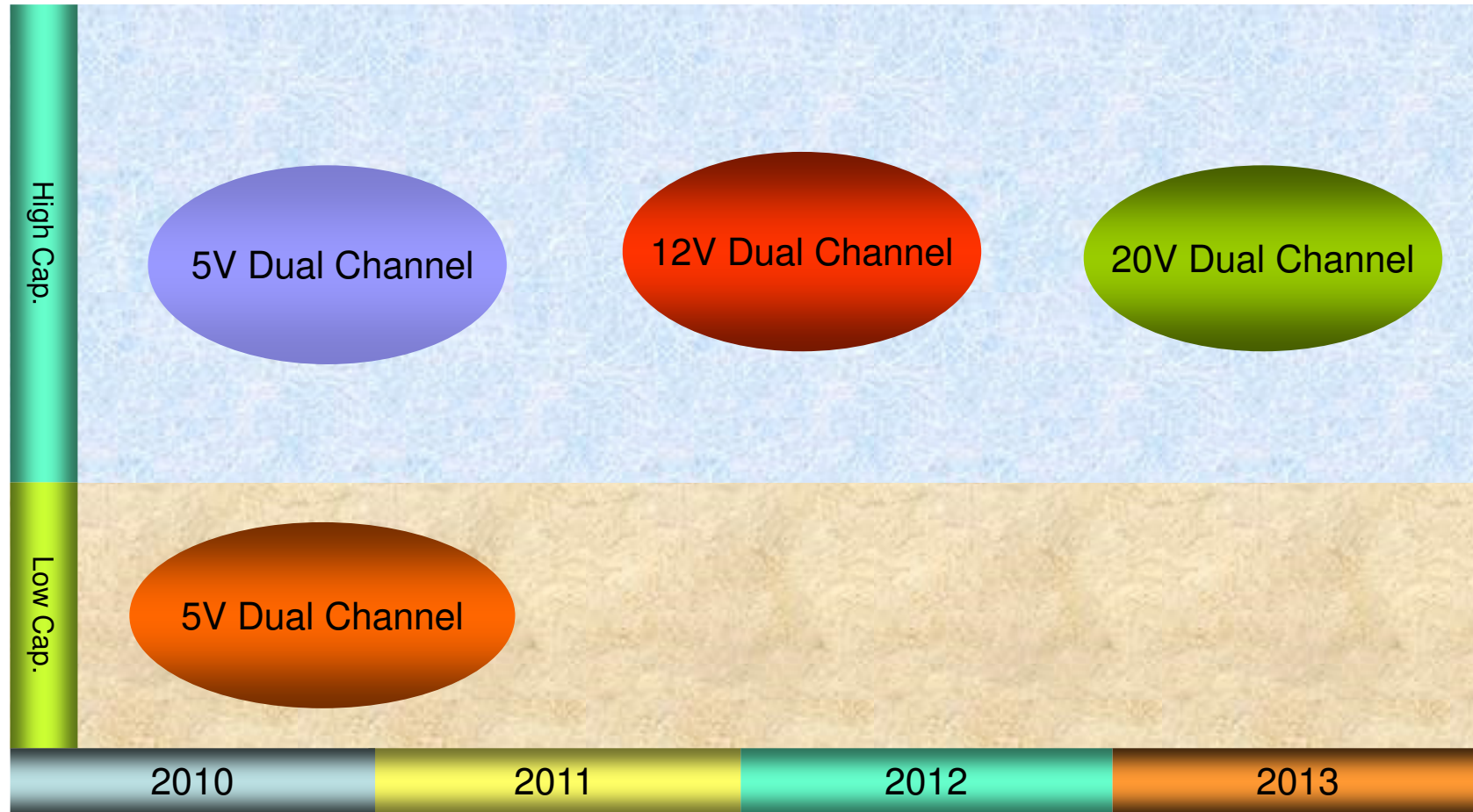


# Product Family













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*Marketing*

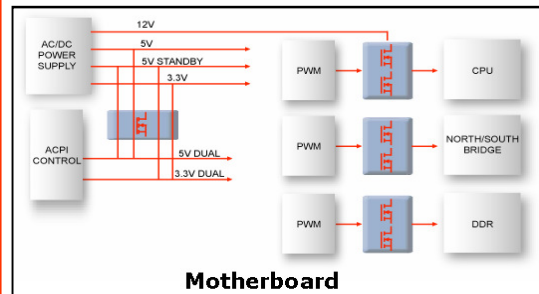




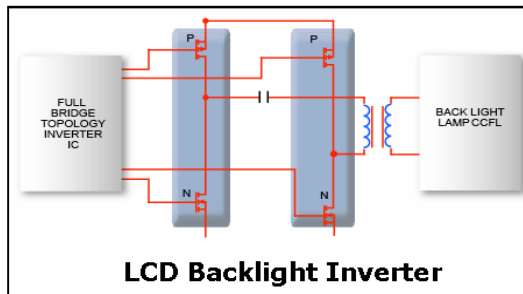
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# Power Management IC Application

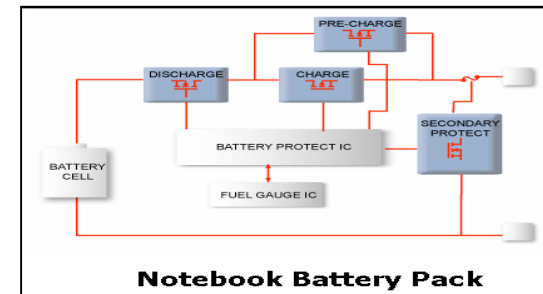




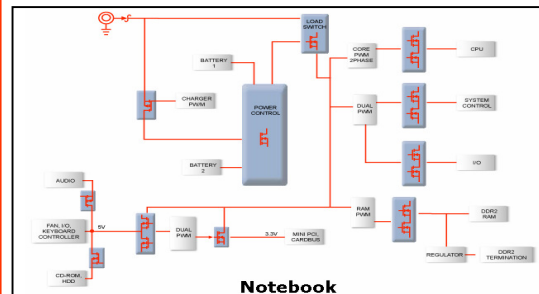
**Motherboard**



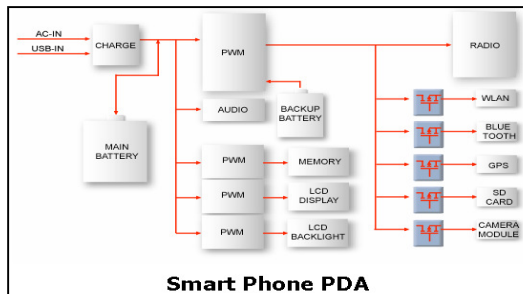
**LCD Backlight Inverter**



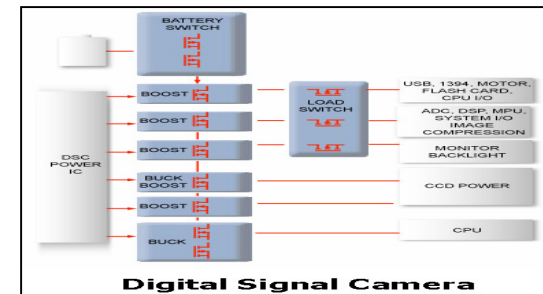
**Notebook Battery Pack**



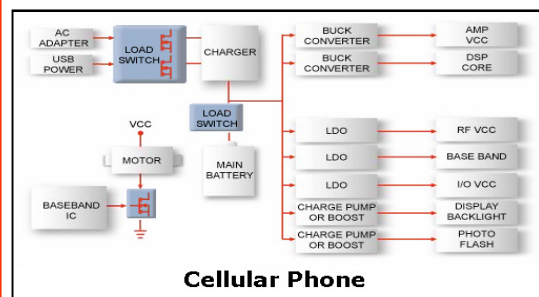
**Notebook**



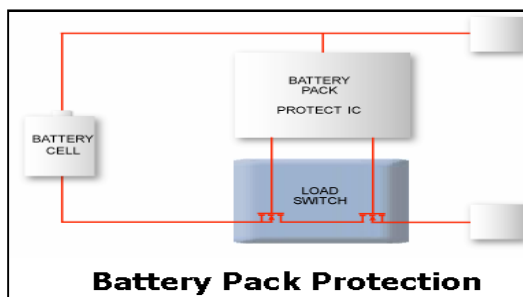
**Smart Phone PDA**



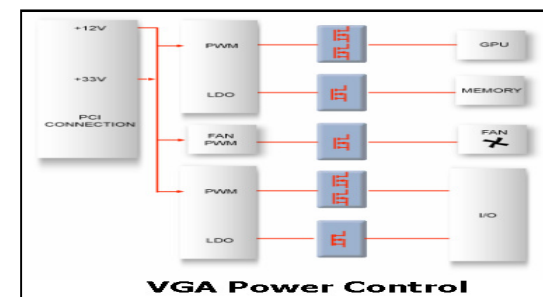
**Digital Signal Camera**



**Cellular Phone**

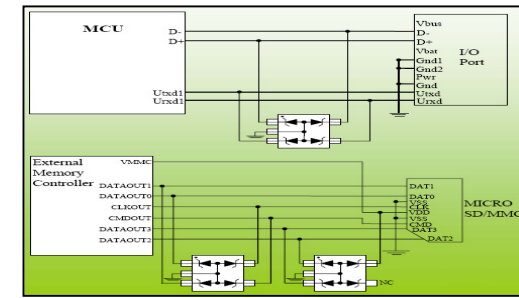
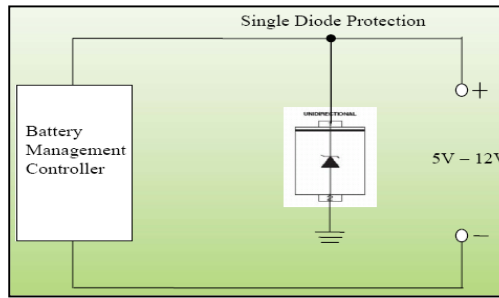
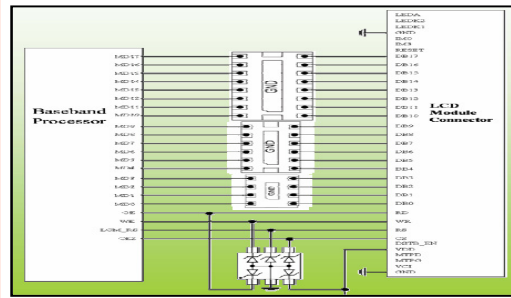
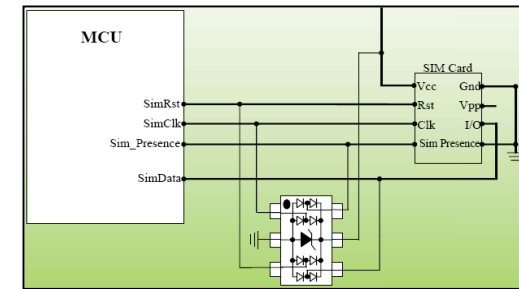
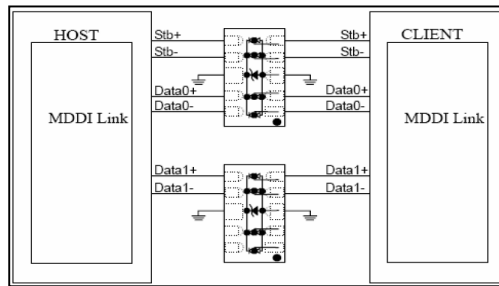
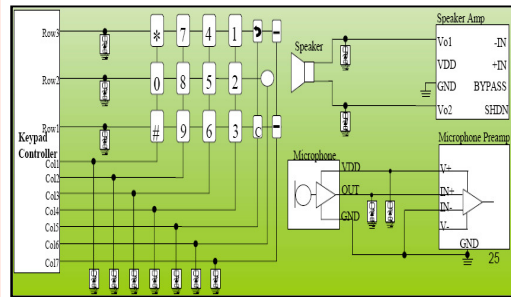
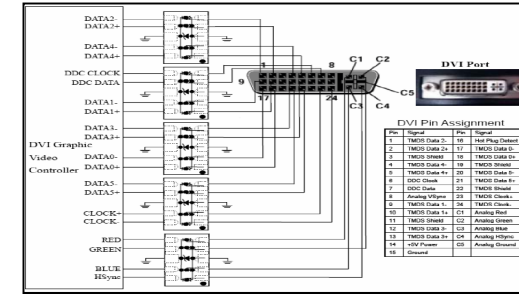
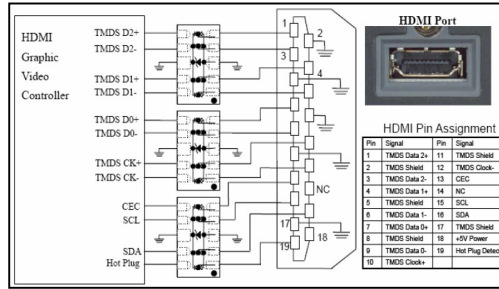
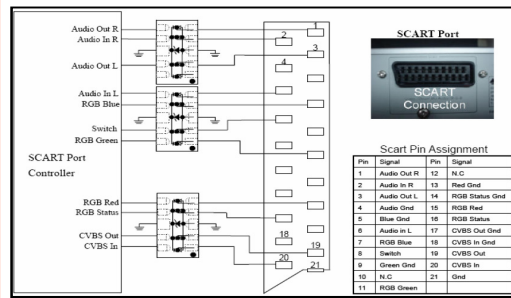


**Battery Pack Protection**



**VGA Power Control**







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# Major Customer

( Taiwan / Korea / Japan / Europe )

**Getac**

神基科技股份有限公司

**HUMAX**

www.humaxdigital.com

**SINBON**

信邦電子股份有限公司

**BELIMO**

**DynaPack**

順達科技股份有限公司  
 www.dynapack.com.tw

**acer**

<https://www.acer.com/>

**明曜科技**  
 Etica Battery Inc.

**TELTONIKA**

**Raritan.**

荷蘭商瑞力登國際有限公司

**AMO**  
 AMOSENSE

www.amosense.co.kr

**新巨企業股份有限公司**  
 ZIPPY

**TSC**  
 The Smarter Choice.

鼎翰科技股份有限公司

**PSA** 台灣精星科技  
 INFO - TEK CORP.

**Eink** 元太科技  
 E Ink Holdings

**Ablerex**  
 盈正豫順電子股份有限公司

**C-TECH**

西勝國際股份有限公司

**YAMAN**  
 TOKYO JAPAN

**BIXOLON**

**Bestec**  
 聯德電子股份有限公司

**JEM** JOINSOON ELECTRONICS MFG CO., LTD  
 建舜電子製造股份有限公司

**Panasonic** Taiwan

**CWT** 僑威科技股份有限公司  
 Channel Well Technology Co.,Ltd.

**CHIMEI MOTOR**  
 奇美車電股份有限公司

**F** 久春工業有限公司  
 FRIEND SPRING INDUSTRIAL CO., LTD.

**GlobalSat**  
 WORLDCOM GROUP

環天世通科技股份有限公司

**bryton**

群利科技股份有限公司

**JULUEN**

巨輪興業股份有限公司

**AVTECH**

陞泰科技股份有限公司



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# Major Customer

(China)



HUAWEI

Huntkey 航嘉



VAPEL  
 Leading Global Power Solution Provider

核达中远通电源技术股份有限公司

Atec®

冠德科技(北海)有限公司



深圳华菱电精密科技有限公司  
 S.Z. HuaLin Electronic Precision Technology Co.,Ltd.

LONGTECH 朗特®

深圳朗特智能控制股份有限公司

sonic

新迪精密科技有限公司



深圳市诚信诺科技有限公司



苏州和钧新能源有限公司

群智信息技术

深圳市群智信息技术有限公司



深圳市高普达科技有限公司



广州贵冠科技有限公司



深圳市愛圖仕影像器材有限公司



伊戈尔电气股份有限公司



深圳市德晟鑫科技有限公司

UNIFIVE

優源科技(深圳)有限公司



杰目科技(上海)有限公司

TOPOW®

深圳市博源电子有限公司



深圳市韵涛通信技术有限公司



廣東奧科偉業科技發展有限公司



宁波兴华电子有限公司