Alfa–MOS Technology Corp.

Jan. 2021

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Background

- **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 $R_{DS(on)}$ 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.

CERTIFIED EQA ISO 9001 ANAB
ISO 9001:2008

RoHS COMPLIANT 2002/95/EC

Pb Free

Halogen Free

Green PRODUCT

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Alfa-MOS Technology Corp.
閘能科技股份有限公司

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

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Quality Control

CERTIFICATE

European Quality Assurance

Certificate of Assessment

Alfa-MOS TECHNOLOGY CORPORATION

5F.-1, No.28, Lane 123, Sec.6, Min Chuan E. Rd.,
Nei-Hu Dist.,Taipei 114, Taiwan

EQAICC hereby grants to the above company
whose Quality Management System is in conformance with

ISO 9001:2008

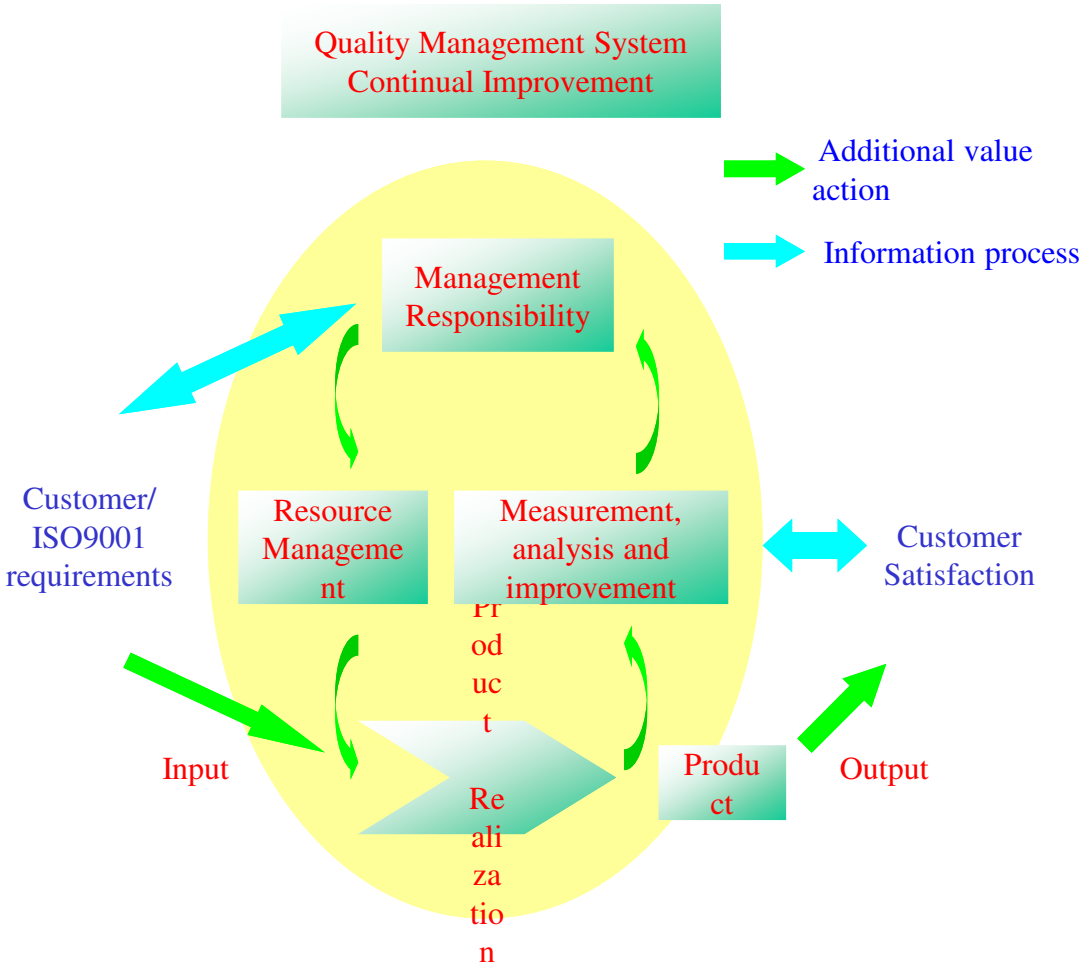
Scope

Design and Sales of Integrated Circuit (IC), Power MOSFET
and Power Semiconductors

Registration No. QA100397
Issued on 10th July, 2010
This certificate is valid until 9th July, 2013

The Chief Executive

CERTIFIED ISO 9001



Manpower Org.

Alfa-MOS President & V.P
Gavin Liao

- **Sales Marketing**
  Gavin Liao
  Lisa Hsu
- **Production Control**
  Hiro Huang
  Cherry Chen
- **Production Engineering**
  Mark Chen
- **Quality Control**
  Ally Chen
- **FAE Engineer**
  Ethan Chen

CERTIFIED EQA ISO 9001 ANAB
ISO 9001:2008

RoHS COMPLIANT 2002/95/EC

Pb Free

Halogen Free

Green PRODUCT

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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

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Production Flow

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Subcontractor

- **Wafer Foundry**
  - MOSEL Vitelic Inc.
  - Episil Technologies Inc.
  - Lite-On Semiconductor 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)

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Subcontractor Website

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

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- **ISO Certified Supply Chains**

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

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Product Family

- **Power IC (DC-DC : 5V ~ 60V)**
  - DC-DC Converter (Synchronous Converter) (Asynchronous Converter)
  - White LED Driver (DC-DC LED Driver)
  - LDO
  - Linear Regulator
- **Low Voltage (20V~200V) Trench Power MOSFET**
  - DFN Outline Assembly
  - SOT Outline Assembly
  - SOP Outline Assembly
  - TO Outline Assembly
- **TVS ESD Array (5V~20V) ESD Protection**
  - DFN Outline Assembly
  - SOD Outline Assembly
  - SOT Outline Assembly
  - MSOP Outline Assembly
- **High Voltage (600V)Depletion Mode Power MOSFET**
  - SOT-23 Outline Assembly
- **Transistor**
  - SOT-23 Outline Assembly

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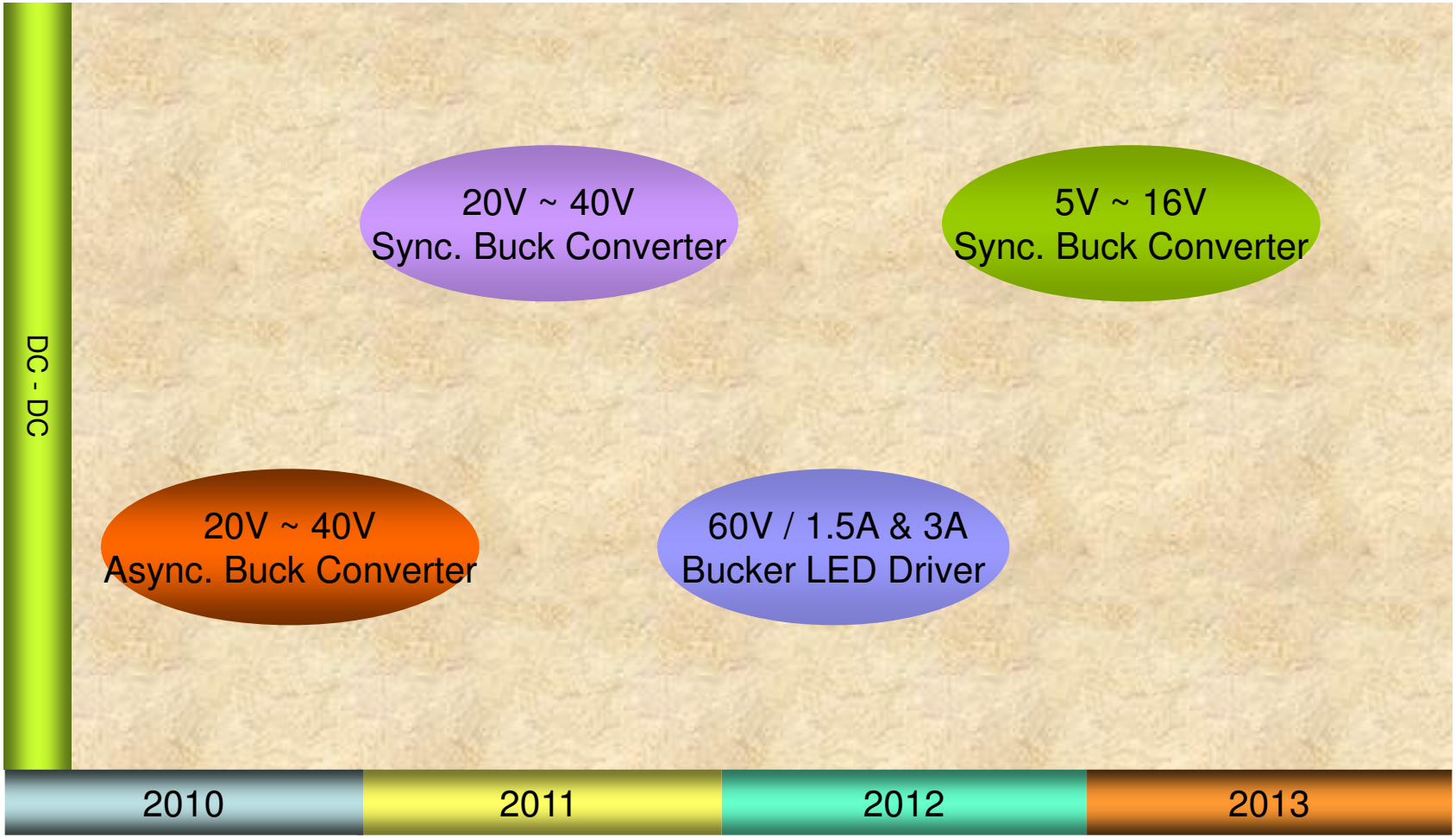

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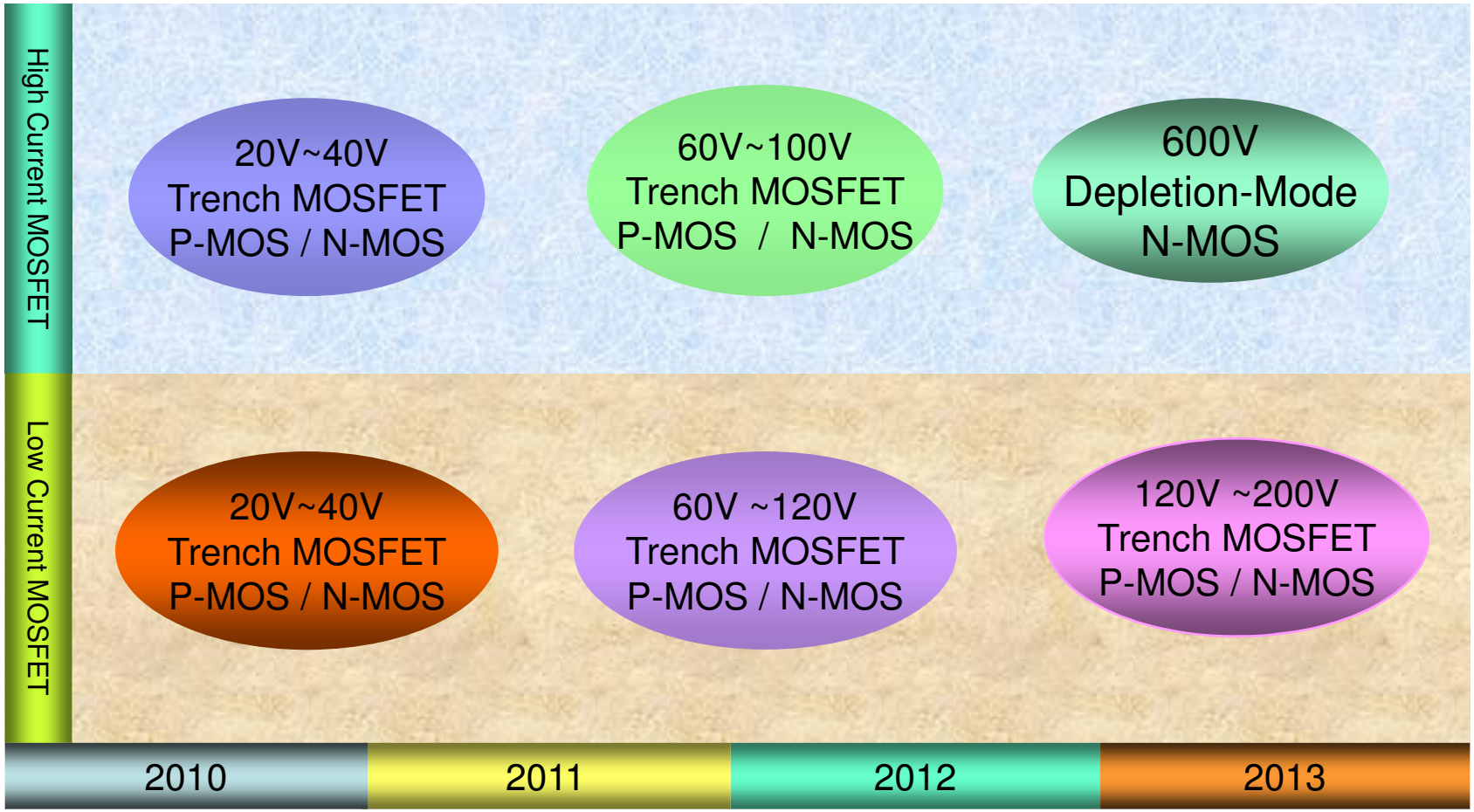

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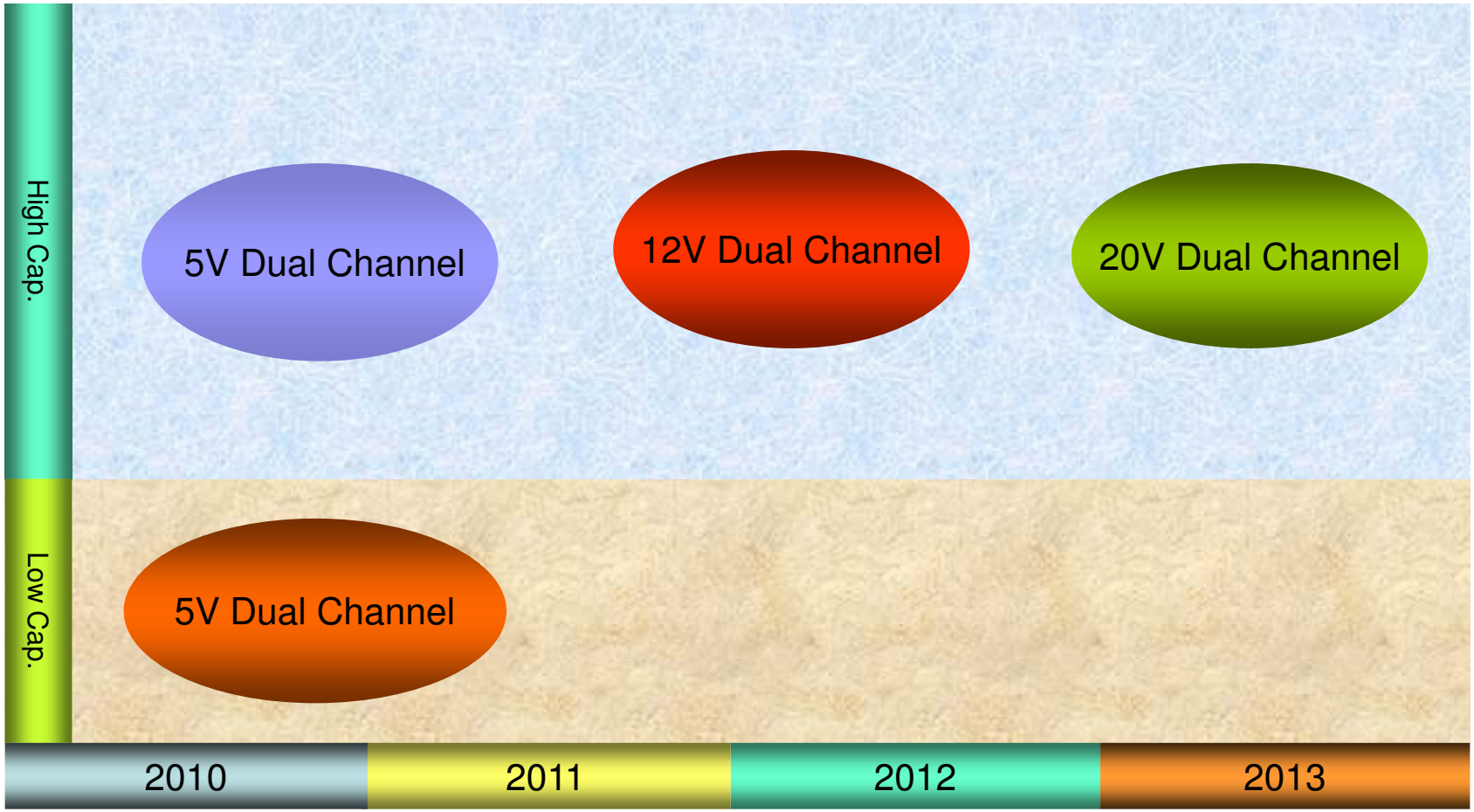

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Marketing

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Power Management IC Application

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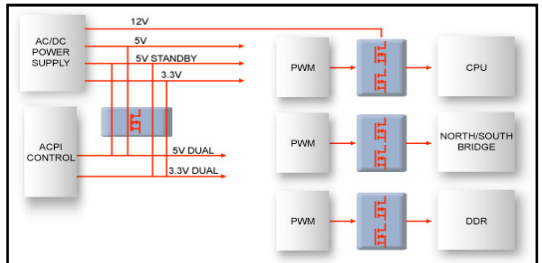
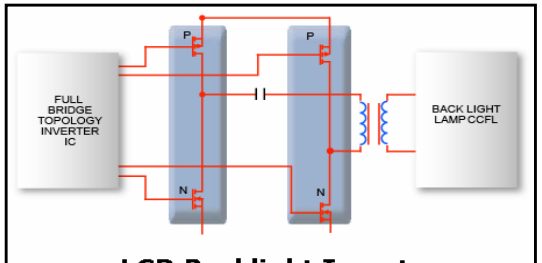
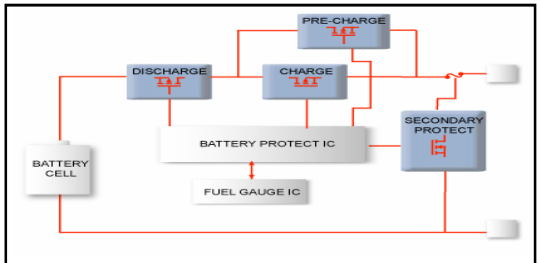
Power MOSFET Application



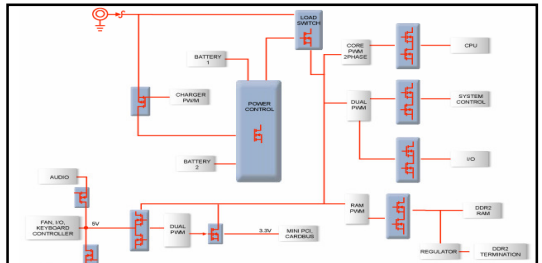
Motherboard



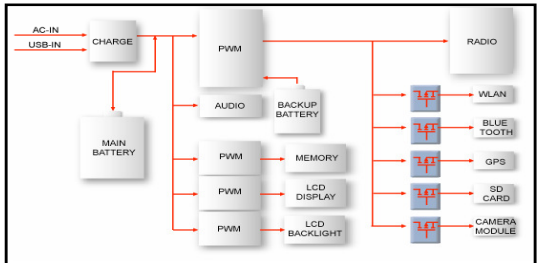
LCD Backlight Inverter



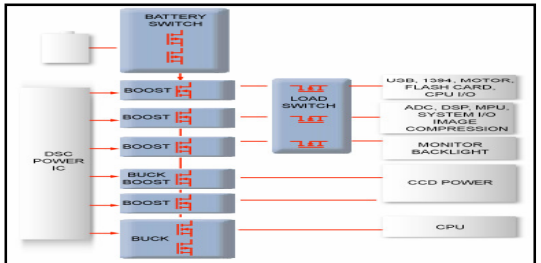
Notebook Battery Pack



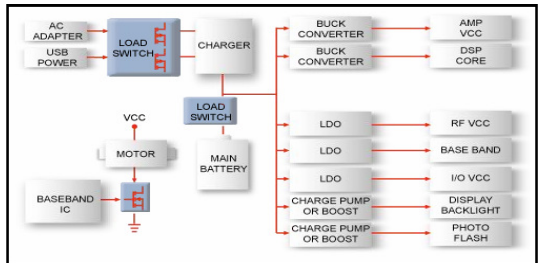
Notebook



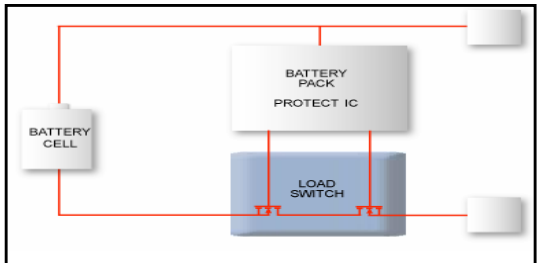
Smart Phone PDA



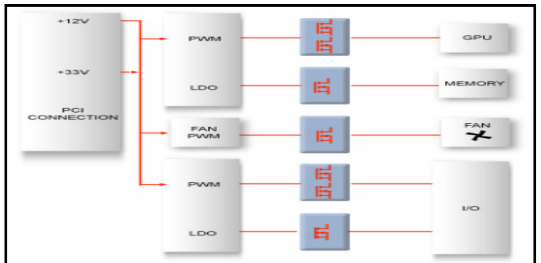
Digital Signal Camera



Cellular Phone



Battery Pack Protection



VGA Power Control

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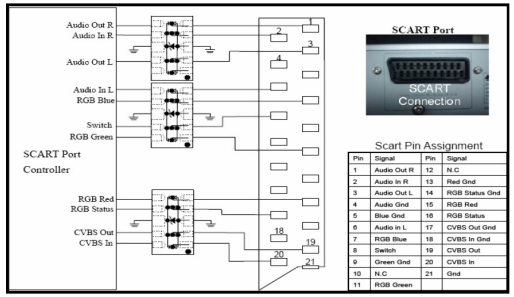
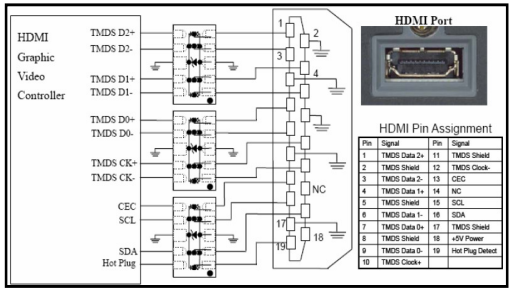
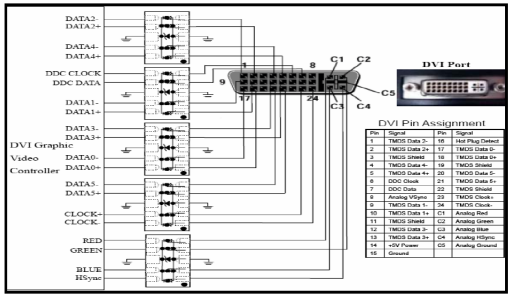
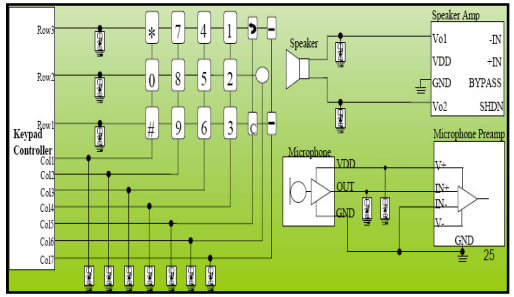
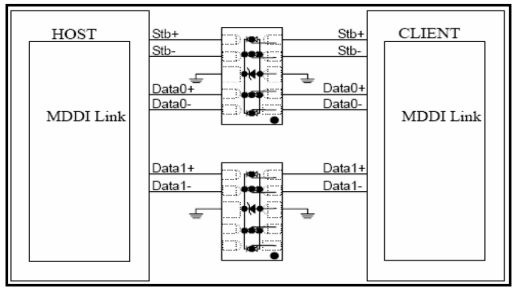
TVS ESD Application

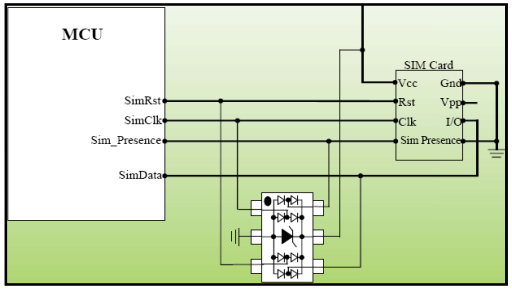


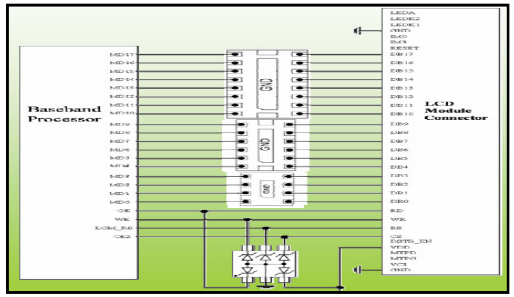


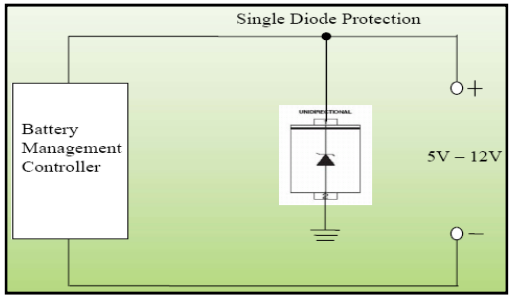


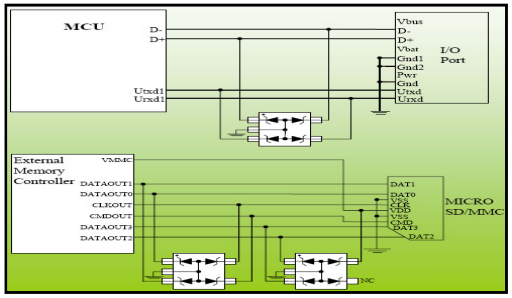












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Major Customer

(Taiwan / Korea / Japan / Canada)

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

泰金寶電通

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

ZIPPY 新巨企業股份有限公司

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

CAT EYE

BIXOLON

Bestec
聯德電子股份有限公司

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

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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Alfa-MOS Technology Corp.
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Major Customer
(China)

HUAWEI

Huntkey 航嘉

安科讯 ANKTION TECH

Great Wall 长城

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

捷宝科技 JEPOWER TECHNOLOGY

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

LONGTECH 朗特®
深圳朗特智能控制份有限公司

sonic
新迪精密科技有限公司

POWER-SOLUTION
深圳市诚信诺科技有限公司

golden crown ENERGY
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

Gopod Group Limited Apple MFi Manufacturing Licensee (V6.2)
深圳市高普达科技有限公司

CWT 僑威科技股份有限公司 Channel Well Technology Co.,Ltd.
广州贵冠科技有限公司

Aputure
深圳市愛圖仕影像器材有限公司

EAGLERISE
伊戈尔电气股份有限公司

TESHINE
深圳市德晟鑫科技有限公司

UNIFIVE
優源科技(深圳)有限公司

杰日科技(上海)有限公司

TOPOW®
深圳市博源电子有限公司

RING&TONE
深圳市韵涛通信技术有限公司

A-OK® 德国技术 广东制造
廣東奥科偉業科技發展有限公司

兴华 XINGHUA
宁波兴华电子有限公司

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