



Zywyn Corporation Company Overview



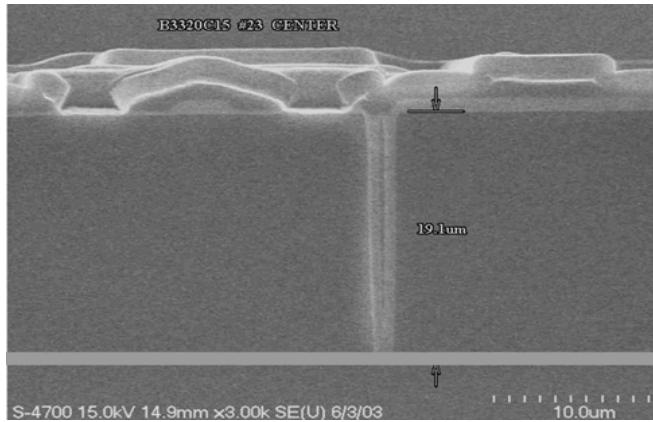


About Us....

ZYWYN CORPORATION, founded in October 8th, 2002, has been working with our Strategic Foundry Partner to develop our Proprietary High Voltage BiCMOS and BCD SOI Processing Technology. We are a fabless semiconductor U.S. company that designs, manufactures and markets value-added **High Voltage Power Analog, Display Drivers and Interface Integrated Circuits** for the telecom, datacom, industrial and consumer market segments.

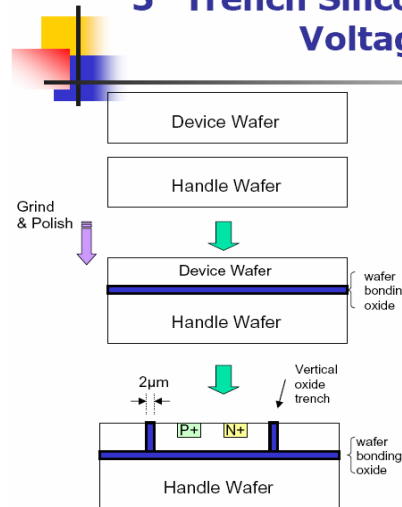


Our Processing Technology



Zywyn's proprietary high voltage trench SOI BiCMOS processing technology has already moved into mass production. With these completely isolated silicon tubs, we are able to implement high voltage Bipolar, CMOS transistors, and low-voltage low-power CMOS transistors on the same chip with practically no inter-channel leakage.

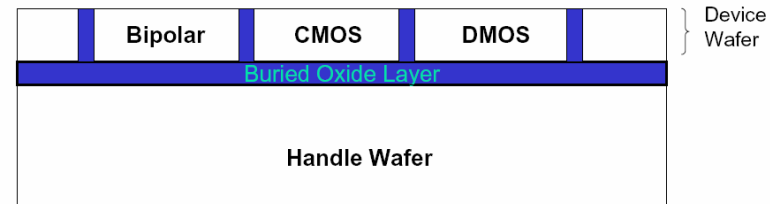
5" Trench Silicon-Oxide-Isolation High Voltage Process



Advantages

- Proven wafer bonding technique
- Improved trenching and filling technique
- 2 μ m oxide trench width (vs. 30 μ m in V-groove DI) allows high density device packing
- Very cost effective 5" wafer

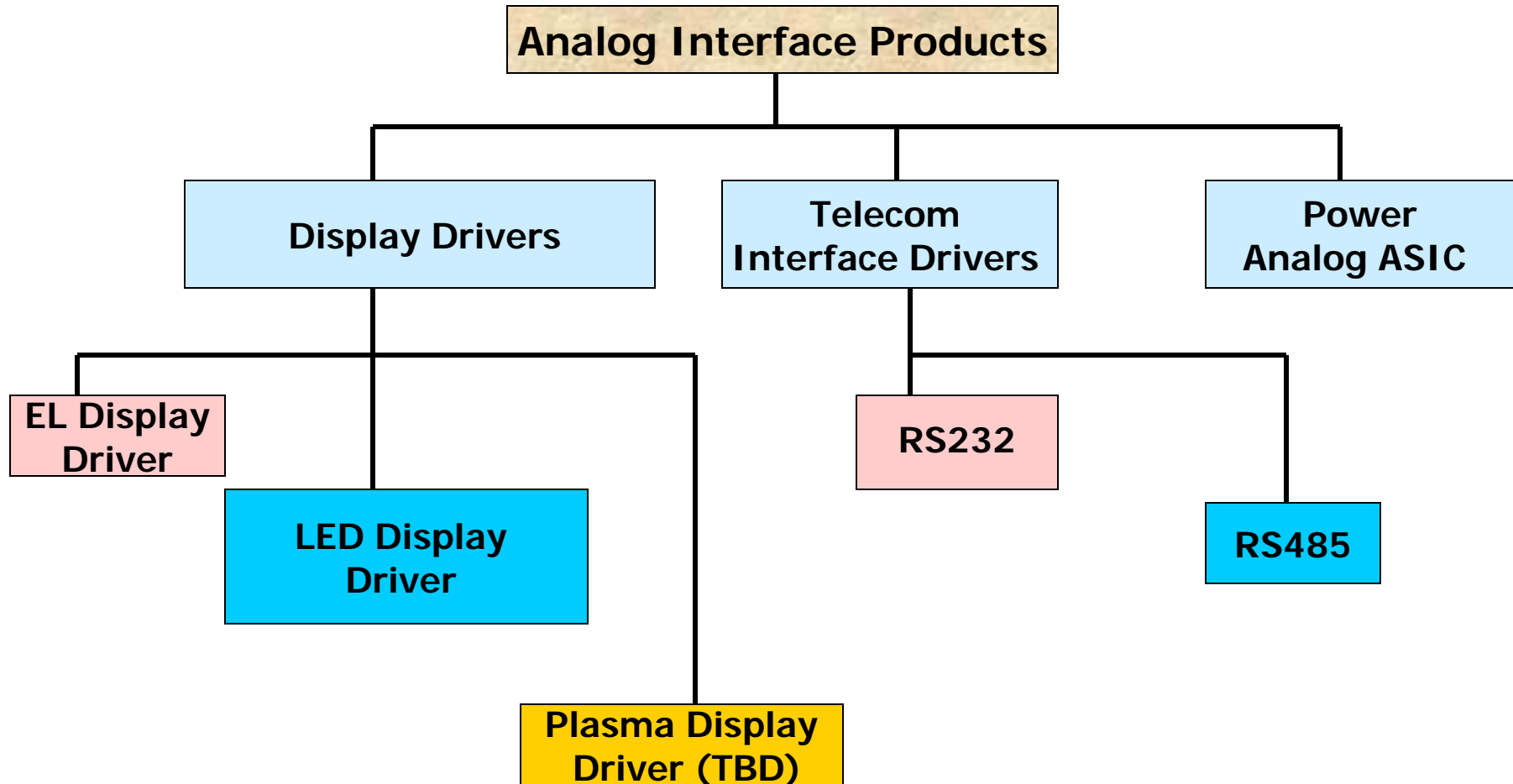
6" Trench SOI BCD High Voltage Process



Technology

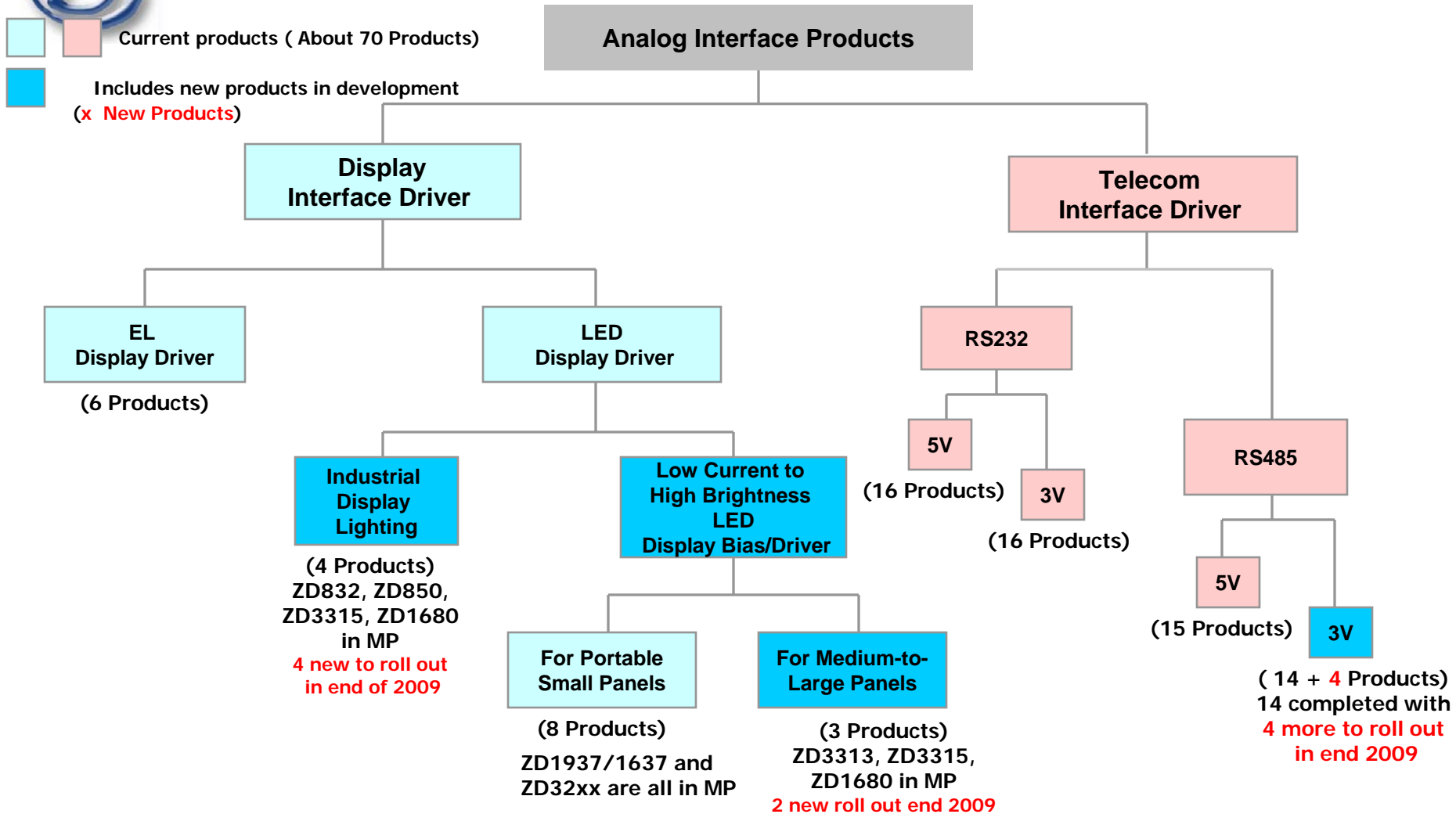
- 1.2 μ m (10MHz) and 0.5 μ m (40MHz)
- 100V to 200V Breakdown
- Handles 500mA to 1A current source/sink

ZYWYN's Analog Interface Product Portfolio

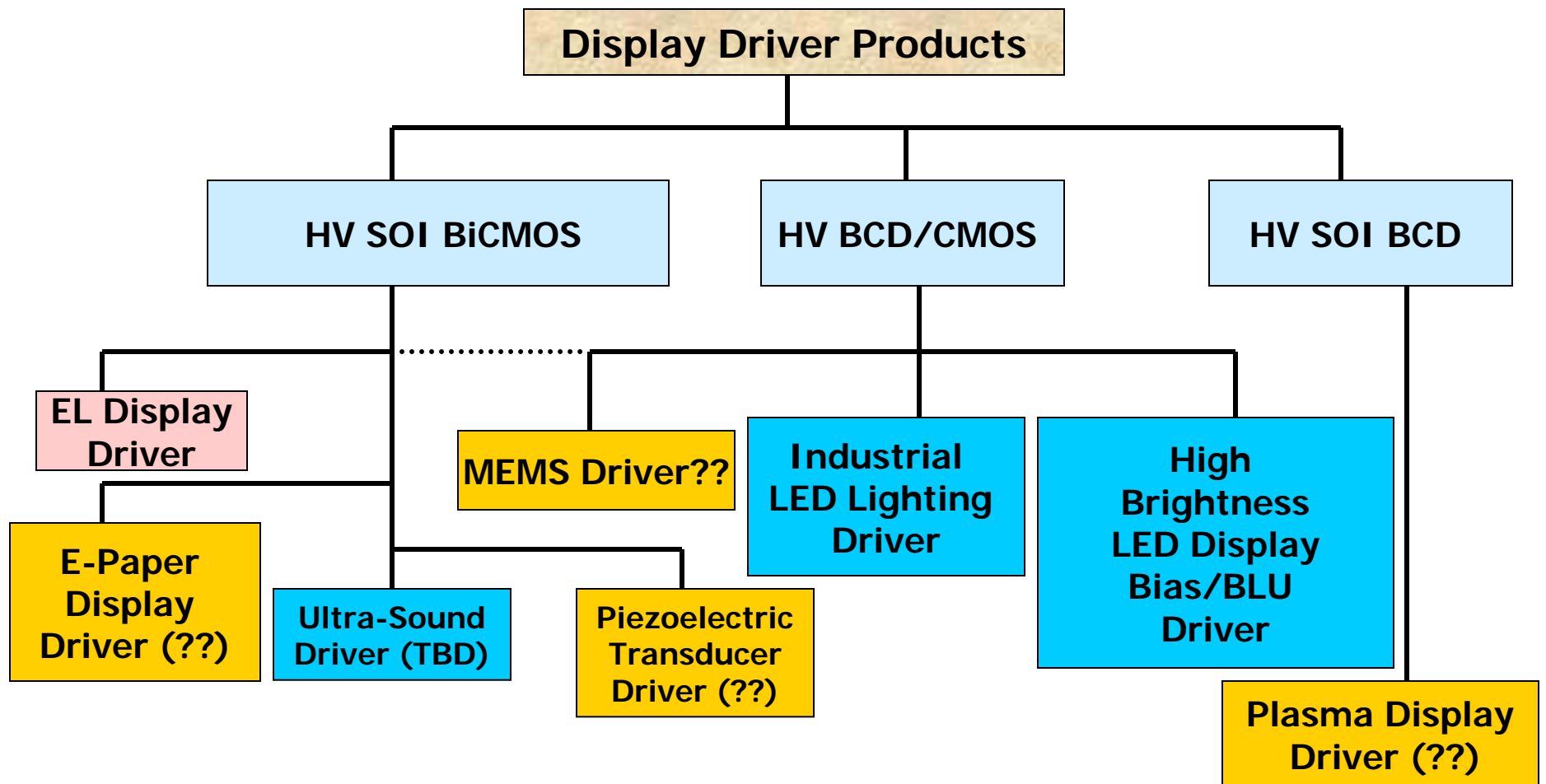




Current and Future Products Overview

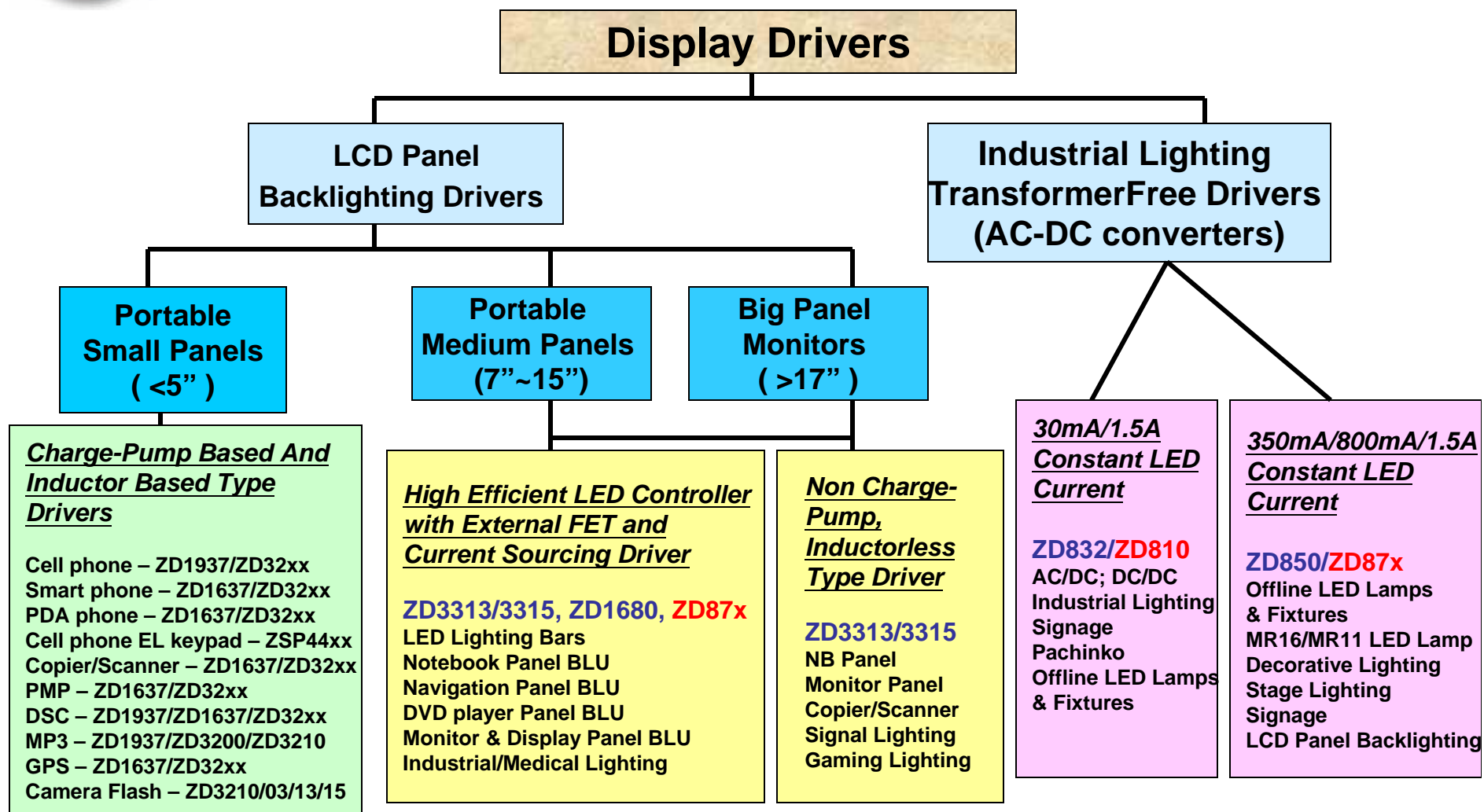


ZYWYN's Strategic Display Product Portfolio





Zywyn's Display Drivers Road Map By Applications





Applications : Interfaces Products

100% Equivalent & Compatible:

- MAX232/ICL232/SP232
- MAX32xx/ICL32xx/SP32xx
- MAX485/ICL485/SP485
- MAX307x/308x



Applications : Display Drivers (EL/LED, BLU/Industrial Lighting)





Product Manufacturing Sites

- ❑ **Wafer Fabrication:**
 - **Episil Taiwan (ISO 9001, QS-9000)**
capacity for Interface products : 5000 wafers/month
 - **Shanghai Sim-BCD Semiconductor China (ISO 9001/14001/16949)**

- ❑ **EL Drivers (ZSP44xx):**
Unisem Malaysia (ISO 9001/14001, QS-9000)
- ❑ **EL Die (ZSP44xxCX) in Wafflepack:**
KYEC Taiwan

- ❑ **INTERFACE Transceivers (ZT32xx, ZT230, ZT485):**
 - **Lingsen Taiwan (ISO 9001/14001/16949, QS-9000)**
Capacity for SOP package : 10M pcs / Month
 - **Greatek Taiwan (ISO 9001/14001, QS-9000)**
Capacity for SSOP package : 20M pcs /Month
Capacity for SOP package : 110M pcs / Month



Product Manufacturing Sites

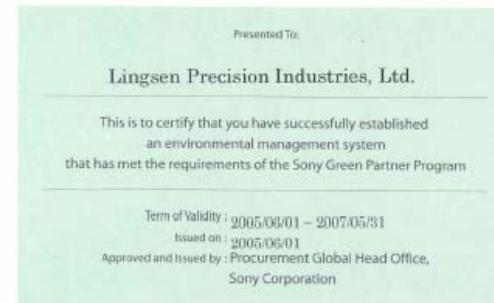
Certificate
of
Green Partner



Toshiyuki Kitamura
Senior General Manager, Procurement Center, Sony Corporation

SONY

Certificate
of
Green Partner



Shigeki Nomoto
Head of Procurement Global Head Office, Global Professional Solutions, Sony Corporation

SONY

S7480-1

- ❑ **WLED Display Drivers (ZD19xx/16xx/32xx/33xx/8xx):**
Lingsen Taiwan (ISO 9001/14001/16949, QS-9000)
Jiangsu Changjiang China (ISO 9001)
Unisem Malaysia (ISO 9001/14001, QS-9000)



Zywyn Green Packaging



1270 Oakmead Parkway, Suite 201
Sunnyvale, CA 94085, U.S.A.
Tel: (408) 733-3225
Fax: (408) 733-3206
www.zywyn.com

ZYWYN CORPORATION

Declaration Statement On Lead-Free And RoHS Compliancy

Supplier Company: <i>Zywyn Corporation</i>			
Product Name: <i>Analog Semiconductor Integrated Circuit</i>	Tested By:		
Description/Spec: <i>Refer To The Applicable Datasheet</i>	Date: <i>January 1, 2005</i>		
P/N: <i>All Zywyn Part Numbers</i>	Net Weight: <i>50 - 150 mg</i>		

禁止之化學物質 Banned Substances	Yes	No	If yes, where found
鉛及鉛化合物 Lead (Pb) and Lead compounds		X	
鎘及鎘化合物 Cadmium (Cd) and Cadmium compounds		X	
汞及汞化合物 Mercury (Hg) and Mercury compounds		X	
六價鉻及其化合物 Hexavalent Chromium (Cr VI) and Hexavalent Chromium compounds		X	
鎳及其化合物 Nickel (Ni) and its compounds		X	
溴化耐燃劑 Polybrominated Biphenyls (PBB) and Polybrominated Biphenyl Ethers (PBDE)		X	
多氯聯苯 (PCB) 多氯聯萘 (PCN)		X	
多氯聯萘 (PCN) 多氯聯萘 (PCN)		X	
有機錫化合物 Organic Tin compounds (BIS (Tributyl Tin) Oxide)		X	
有機錫化合物 (Bromine flame retarding materials)		X	
Hydrofluorocarbon (HFC)		X	
Chlorofluorocarbons (CFC)		X	
Hydrochlorofluorocarbons (HCFC)		X	
Polychlorinated Naphthalene category (PCN)		X	
Chlorinated Paraffins (C10-C13)		X	
Formaldehyde		X	
HBFC (Substitute for Halon)		X	
PFC (Perfluorocarbon)		X	
石棉 Asbestos		X	
聚氯乙烯 (PVC) 和 PVC 混合物		X	

We hereby represent and warranty that our statement above is authentic and that our products are conforming to the requirements and regulations above. We are aware that any non-conforming or false stating will cause irreparable and damages to the receiving customer. Thus, we agree to hold the receiving customer harmless and to take any and all responsibility incurred by such non-conforming or false stating.

Company Stamp: *N/A* Signature: *[Signature]*

- Zywyn is pleased to announce **Green Packaging (Pb-free + RoHS Compliance)** for all products, sampling now and production orders being accepted with standard lead-time.
- Zywyn is committed to supporting the **Green** effort and our customers requirements for **Green** solutions.
- Datasheets, for all product lines, containing **Green Package** information have been released to the Zywyn website. The **Green Package** qualification package is also released.
- Zywyn continues to offer device solutions to meet the requirements of the worldwide electronic market place, with new product introductions and robust packaging options.





Zywyn is ISO 9001 Certified!



- Zywyn Corporation has been officially certified by the Bureau Veritas Certification North America, Inc. and rewarded with the ISO 9001:2000 Certification for the scope of supply in the Design and Manufacture Telecommunication and Display Driver ICs.
- The original Approval Date was issued on December 3, 2006.

Worldwide Supporting Customers (EL Driver Products, WW)



Worldwide Supporting Customers (Interface Products, US+EU)



Worldwide Supporting Customers



(Interface Products, Korea+Japan)



Worldwide Supporting Customers

③ (Interface Products, Taiwan+ASEAN)



AVLAB Technology Inc.



Worldwide Supporting Customers

(Interface Products, China)



Worldwide Supporting Customers

③

(LED Display Driver Products, Asia)

KONAMI

Nextech Lighting



서울통신기술
SEOUL COMMTECH





Worldwide Sales Network

Asia South	Asia North	North America & Canada	Europe
<p>Taiwan Techmosa International Inc. Prohubs International Corporation Jeritronics Limited MetaTech (AP) Inc.</p> <p>Hong Kong & China MetaTech Limited Lestina International Limited Fortune Techgroup Company Ltd. Techmosa International Inc.</p> <p>Singapore, Malaysia, India MetaTech (S) Pte Ltd. McCoy Components Pte Limited</p> <p>Australia & New Zealand Cutter Electronics Pty Ltd.</p>	<p>Japan Arrow UEC Japan K.K. Millennium Technology Inc. BBELE, Incorporation</p> <p>Korea Sepion Technology GenTech Incorporation Tekro Incorporation Cellion Co., Ltd. Easy Net Co.</p>	<p>US Northeast Nexus Technology Sales</p> <p>US Midwest Carlson Electronics Sales Associates Inc. CBR Associates</p> <p>US West First Rep Company</p> <p>Distributors Future Electronics Incorporated TRG Components</p>	<p>Representatives Germany, Austria, Switzerland EuroSemi GmbH</p> <p>Sweden EuroSemi Nordic</p> <p>Italy FAW s.a.s.</p> <p>Eastern Europe Elatec GmbH</p> <p>Spain, Portugal TD Elektronik</p> <p>Turkey Ersin Elektronik</p> <p>Distributors Future Electronics Incorporated (UK) 2001 Electronic Components Ltd. (UK) TRG Components (UK & Sweden) Eurocomposant (FR) Alcom electronics (BV, LX, NE) Simos Elektronik Vertriebs GmbH (DE) eCount Electronic GmbH (DE) Stressless Electronics (DE) Milgray Distribution GmbH (Switzerland) Ineltro AG (Switzerland) Ineltro Electronics GmbH (Austria) TD Elektronik SrL (IT) Comprel SrL (IT) EKOM Elektronik (TK) Elatec GmbH (Eastern EU) NuVision Electronics CC (SA) Panzer Electronics (Denmark) Startronics Ltd. (Israel) Vecsys Ltd. (Israel)</p>



Company Organization

- ❑ Zywyn Corporation headquarters is located in Sunnyvale California with sales, marketing, R&D engineering and general administration departments. (12 full time employees and 9 part time consultants)
- ❑ Our logistics office is located in Taipei Taiwan to support all manufacturing and worldwide shipments.
- ❑ Regional sales offices are located in China, Taiwan and Munich Germany.
- ❑ Company website: www.zywyn.com.
Corporate address:
1270, Oakmead Parkway, Suite 201, Sunnyvale, CA 94085, U.S.A.
Zywyn China:
Room 502, Building 77, No.1108, Lianhua Road (S), Minhang, Shanghai, China.
Zywyn Taiwan:
1F, #63, Lane 700, Jhong-Jheng Road, Sindian City, Taipei County 23150, Taiwan, R.O.C.
Zywyn Europe:
Wallbergweg 6-8, D-82335 Berg, Germany.



Company Short Form Catalogs

