

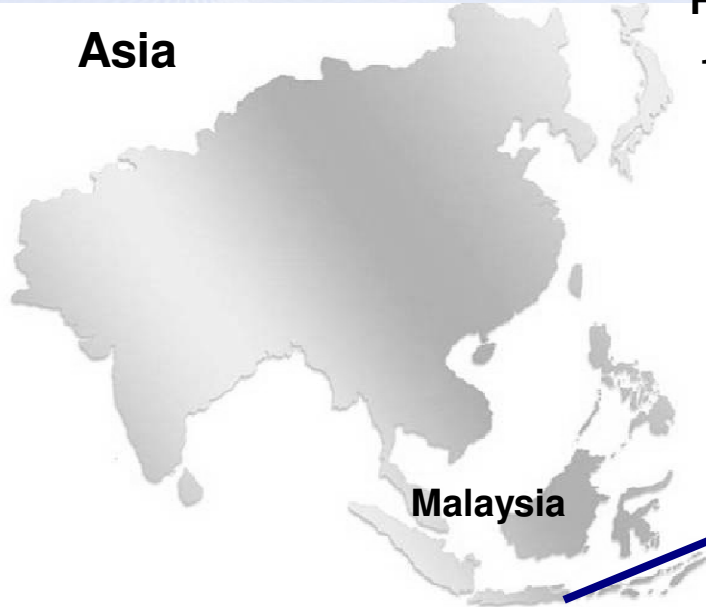


DOMINANT™
Opto Technologies
Innovating Illumination

Automotive Illumination

Our Location

Asia



Factory Build up area:
19,504 meter square



Melaka, Malaysia



Kuala Lumpur



KLIA



Area: 1,652 (km²)

Population: 738,800 people

(refer to Basic Population Characteristics By Administrative Districts; Department of Statistics, Malaysia, June 2007)

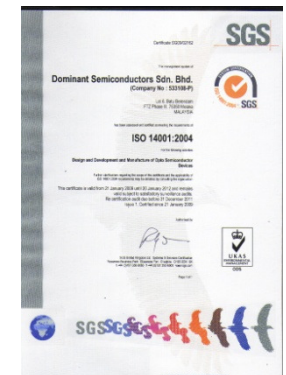


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Our Company



- Paid Up Capital up to US 32.5 millions
- 849 Employees
- Supply to world wide markets such as Europe, U.S, China, Taiwan, Korea and Japan
- Key market segments: Automotive, BLU (Backlight Unit), Lighting, Signage
- Average work force experience >10 year, in Opto Packaging
- ISO9001 (2002)
- QS9000 (2003)
- ISO/TS 16949 (Nov 2006)
- ISO 14001:2004 (Jan 2009)



Mission:

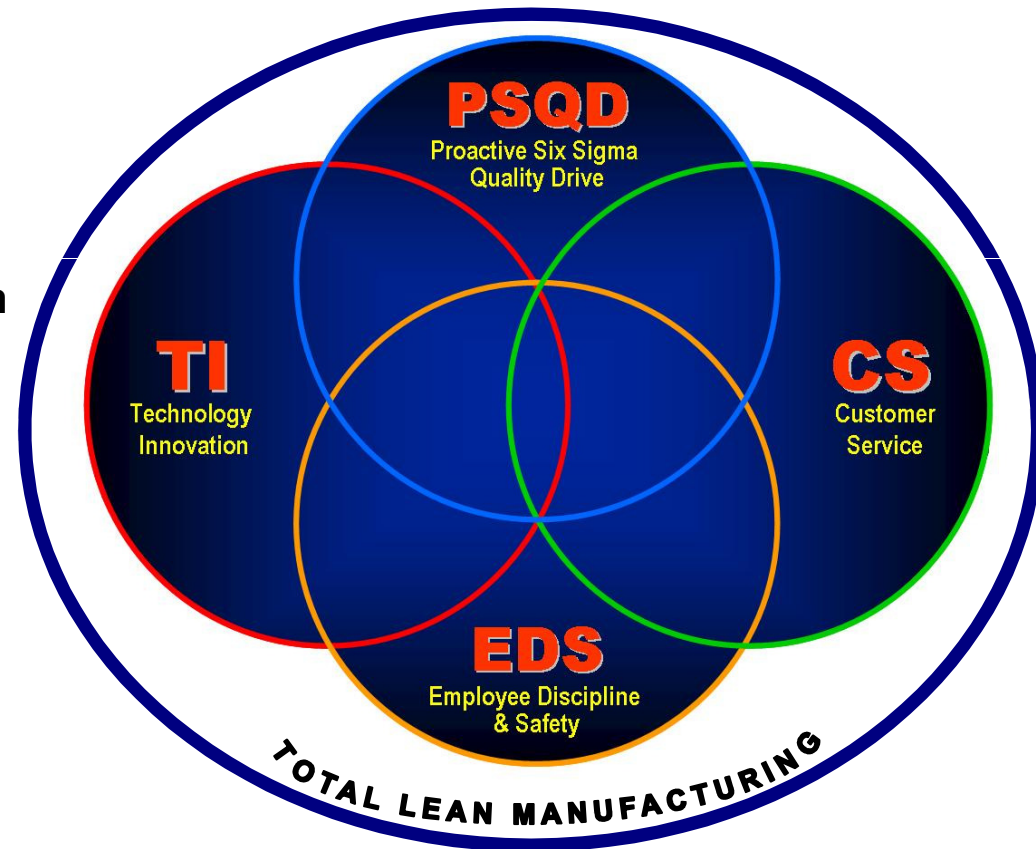
To provide design innovation and high quality Opto Semiconductors products, contributing towards a greener world

Vision:

1 solution provider for Opto Semiconductors product



- Committed to Zero Defect
- Achieve Six Sigma Quality
- Drive for Continual Improvement
- Fulfill and Exceed Customer's Expectation
- Team Work is Our Approach



- Meet All Applicable Environmental Regulations and Others Requirement
- Promote Green Process And Product
- Promote Recycling
- Reduce Environment Hazards
- Continual Environment Improvement Process



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**2011 Best Supplier
Award (Quality)**



2011 Best Supplier Award (Quality)

Presented by Delco (China) To Mr. Peter Huang, President of Dominant Shanghai.



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**2009 Automotive Best
Partner Award**



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2009 Automotive Best Partner Award

"Being for the outstanding efforts in
providing products or services to
Yangfeng Visteon Automotive Electronics Co., Ltd."



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**2008 Frost & Sullivan
Industrial Technologies
Awards**



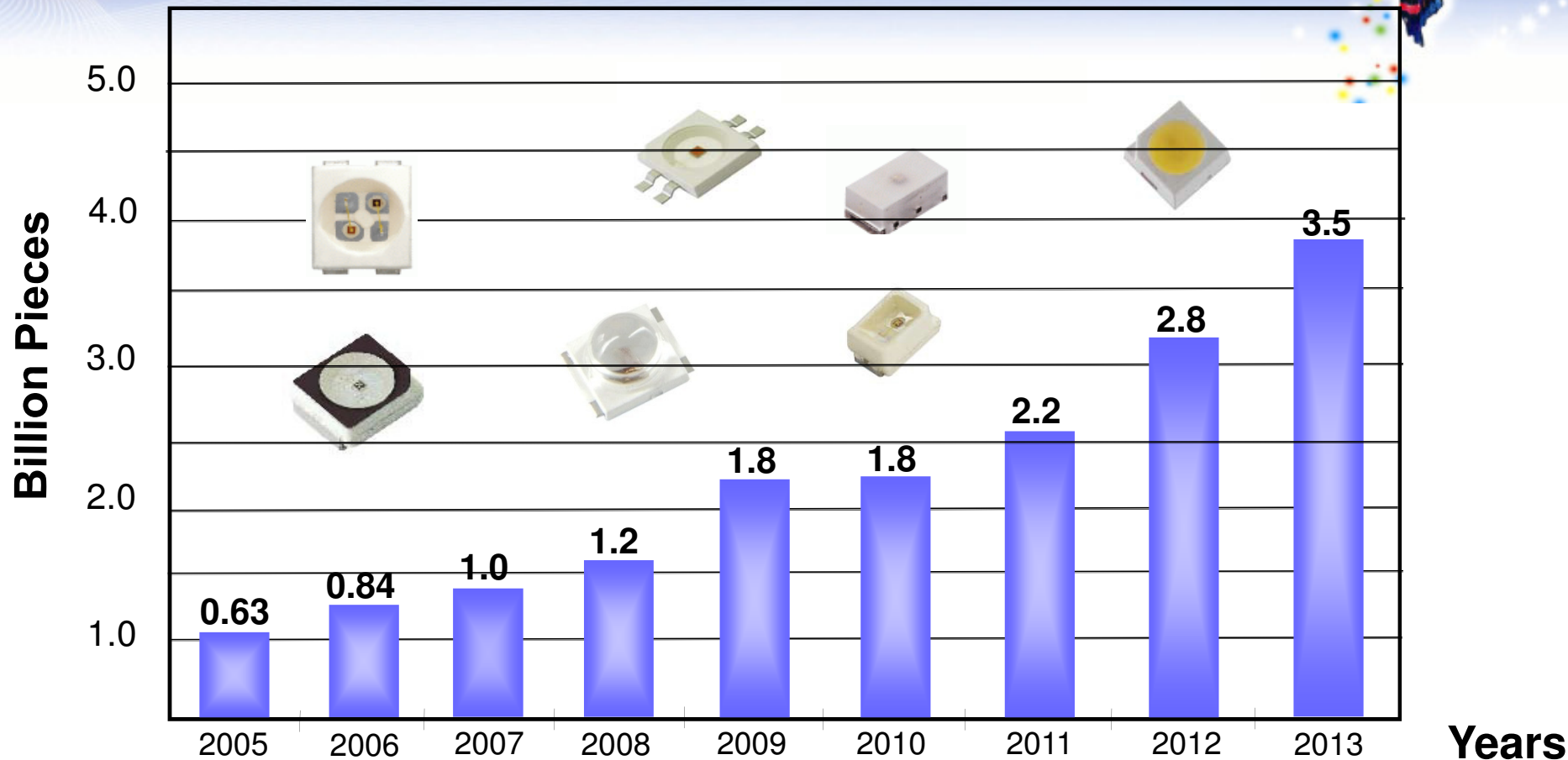


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**Chief Minister Quality
Award 2007**



Our Capacity Growth





Group Managing Director / CEO
Tay KC

DOMINANT USA
(New Jersey)
President: Don Wendel

DOMINANT Europe
(Germany) President:
Gerd Wachno

**DOMINANT Shanghai/
Shenzhen** President:
Peter Huang

DOMINANT India
(Chennai):
President (act)
Pravat Behera

DOMINANT Korea (Seoul)
President: Louis Kim

DOMINANT™
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Headquarter, Melaka, Malaysia

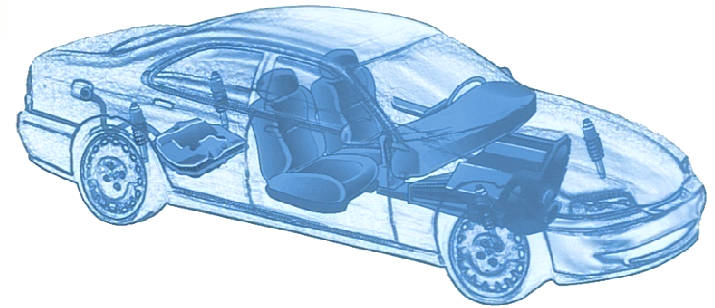
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Automotive Illumination



**Automotive
Lighting**

Interior Automotive



Exterior Automotive





• Door Switches



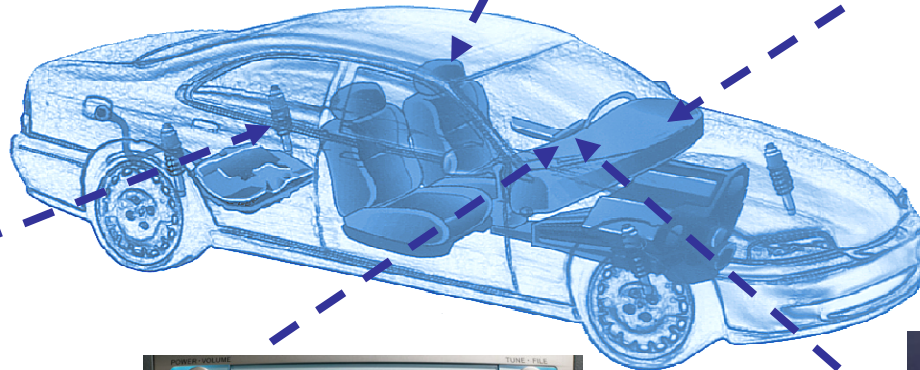
Map Dome Light



Dashboard



Turn Indicators



Audio Video System



• Heated Seat Switches






Information System




• Memory Seat Regulation Control





Application	Domi	Multi Domi	Power Domi	Mini Domi	Spice	Primax	SP Nova	K. Nova
 Cluster	✓	✓		✓	✓			
 Information System	✓	✓		✓	✓			
 Door Switches	✓			✓	✓			



Application	Domi	Multi Domi	Power Domi	Mini Domi	Spice	Primax	Sp. Nova	K. Nova
 Ambient Lighting	✓	✓				✓		
 Door Light	✓		✓			✓		
 Reading Light	✓					✓	✓	



Application	Domi	Multi Domi	Power Domi	Mini Domi	Spice	Primax	Sp. Nova	K. Nova
 Map Dome Light	✓					✓	✓	
 Center Console Light	✓					✓	✓	



CHMSL

Side mirrors signal & approaching sensor indicators



Tail lights

License plate illuminators






Fog Lights



Application	Domi	Multi Domi	Power Domi	Mini Domi	Spice	Primax	Sp Nova	K. Nova
 Plate Light	✓					✓		
 Tail Light			✓			✓	✓	✓
 Day Running Light						✓	✓	✓



Application	Domi	Multi Domi	Power Domi	Mini Domi	Spice	Primax	Sp. Nova	K. Nova
 Signal Light			✓				✓	✓
 CHMSL			✓			✓		
 Head Light						✓	✓	✓

Package	If (mA)	Package Size, (mm)
Domi	2, 10,20,30	3.2 x 2.8. x1.2
Mini Domi	2,20,30	3.5 x 3.5 x 1.2
Midi Domi	20	2.0 x 1.4 x 1.3
Spice	2,20	1.6 x 0.8 x 0.6
Multi Domi	20	3.0 x 2.0 x 1.3
Power DomiLED	30,50	2.8 x 3.2 x 1.9
Domi Plus	60	3.2 x 2.8 x 1.8
Primax	60,140,150	3.5 x 3.5 x 1.2
Sp Nova	20,50, 150,250,350, 400,500	6.0 x 6.0 x 1.5
K Nova	350, 400,700	7.2 x 7.2 x 2.0

Hyper Red 645	Super Red 632	Red 625	Amber 615	Orange 605	Yellow 587	Green 570	Pure Green 560	True Green 525	Cyan 505	Blue 470	White
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Success Story in Automotive



The 500 (2009 Fiat photo)



Sportage



Application	Base Part
Audio Button	DDA - CJS
	DDG - GJS
	SSR - CLD
ATC Indicator	DDG - CJS
	DDT - CJS
	DDR - CJS
ATC LCD	DRR - MJS
Audio LCD	DRA - MJS
AVN button	DDR - CJS

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Automotive Project- Korea



Forte



Application	Base Part
PRND	DDR - GJS
Audio LCD	DRR - MJS
Wheel RMC	DDR - CJS
Speaker Mood Light	DWR - MJS
USB Audio LCD	DRR - MJS

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Automotive Project- Korea



HYUNDAI

Grandeur



Grandeur
The Art of Perfection



Application	Base Part
Audio Button	DDG - CJS



Starex



Application	Base Part
Audio Button	DDG - CJS
ATC LCD	DDG - CJS
ATC Button	DDG - CJS
	DDY - CJS
	DDR - GJS
USB Audio LCD	DDG - CJS
USB Audio Button	DDG - CJS
Audio Indicator	DDB - LJT
ATC Indicator	DDB - UJS
	DDR - CJS
ATC Knob	DDG - CJS
	DDB - UJS
	DDR - CJS

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Automotive Project- Korea



Carens



Application	Base Part
Audio Button	DDY - CJS
Audio LCD	DDY - CJS
ATC Button	DDG - CJS
	DDY - CJS
ATC Knob	DDY - CJS
	DDR - CJS
	DDB - UJS

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Automotive Project- Korea



Grand Carnival



Application	Base Part
Audio Button	DDG - CJS
Audio LCD	DDG - CJS
ATC LCD	DDG - CJS
AVN Button	DDG - CJS
Audio Indicator	DDG - CJS

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Automotive Project- Korea



Sorento



Application	Base Part
Audio LCD	DRR - MJS
RMC	DDR - CJS



Mohave

Application	Base Part
ATC Indicator	DDG - CJS
	DDY - CJS
	DDB - UJS
	DDR - CJS
RMC	DDR - GJS
	DRR - MJS



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Automotive Project- Korea



Soul

Application	Base Part
AVN Button	DDR - CJS
Audio LCD	DRR - MJS
USB Audio LCD	DDR - CJS
Audio Mood Lamp	SSR - CLS
Mood Lamp	D6RTB - HJD
Door Spaeker Mood Lamp	DWR - MJS
Wheel RMC	DDR - CJS





Cee'd

Application	Base Part
RMC	DDR - CJS

Opirus



Application	Base Part
Rear R/C	DRZ - NJG



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Automotive Project- Korea



Santafe

Application	Base Part
Audio Indicator	DRY - NJS
Wheel RMC	DDZ - UJS



Application	Base Part
Cluster	DDP - SJS
	DDO - CJS
	DDY - CJS
	DDS - CJS
	DDT - DZJS
	DDB - DZJS
	DDW - DZJG
	DDB - JJS
	DDT - CJS
	DNS - CJS
DRS - NJS	





Brilliance (华城)

Application	Base Part
Cluster	DDS - CJS
	DDA - CJS
	DDP - SJS
	DDY - CJS
	DDT - DZJS
	DDW - DZJG





Application

Base Part

Cluster

DDS - CJS

DDA - CJS

DDP - SJS

DDY - CJS

DDT - DZJS

DDW - DZJG



景程

Application

Base Part

Cluster

DDB – CJS

DDT – CJS

DDP – SJS

DDY - CSA

DDS - CJS

DDW - KJG

DDT – CJS

DDY - CJS

DDB - DZJS



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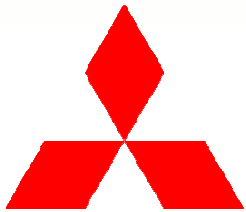
Automotive Project- China



Application	Base Part
Cluster	DDB - DZJS
	DDG - CJS
	DDS - CJS
	DDW - DZJG
	DDY - CJS
	DDO - CJS
	DDT - DZJS

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Automotive Project- China



Mitsubishi V3



Application	Base Part
Cluster	DDW – UJD
	DDB – UJS
	DDT - UJS
	DDS - CJS
	DDY – CJS
	DDO - CJS

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Automotive Project- China



Octavia



Application	Base Part
Switches	DWR - EJS
	DWY - EJS

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Automotive Project- China



SAIC - ROEWE 350



Application	Base Part
Climate Control	DNS – CJS
	DNB - DZJS
	L3S – C60DO

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Automotive Project- China



Changhe

Application	Base Part
Cluster	DDS - CJS
	DDY - CJS
	DDG - CJS
	DDB - DZJS
	DDW - DZJG

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Automotive Project- China



Volkswagen Model X and H

Application	Base Part
Switches	DRS – NJS
	DWY – SJS
	DDP – SJS
	DRR - NJS



GMI TAVERA



GMI
www.indiaautomotive.net

Application	Base Part
Cluster	DDR - CJS
	DDY - SJS
	DDT - CJS
	DDB - UJS
	DDW - UJS



Chevrolet Tavera



Application	Base Part
Cluster	DDR - CJS
	DDY - SJS
	DDT - CJS
	DDB - UJS



TATA X1

Application	Base Part
Cluster	DDR - CJS
	DDY - SJS
	DDT - CJS
	DDW - UJD
	DDB - UJS
	DDT - UJS

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Automotive Project- India (Pricol)



JOHN DEERE



Application	Base Part
Cluster	DDR - CJS
	DDY - SJS
	DDW - UJD
	DDT - UJS
	DDR - TJS

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Automotive Project- India (Pricol)



TVS MOTOR COMPANY



Application	Base Part
	DDY - SJS
	DDB - UJS
	DDT - UJS



Application	Base Part
	DDY - SJS
	DDW - UJD
	DDB - UJS
	DDT - UJS
	SSC - ULD



Application	Base Part
Switches	SSS – NLD



Application	Base Part
Map Reading Lamps - Front	NAW-BSG
Roof Lamps - Front	NAW-BSG
Camping Lamp	NAW-BSG
Glove Box Lamp	NAW-BSG
Puddle Lamp	NAW-BSG
Vanity Mirror Lamp	NAW-BSG
High Mounted Stop Lamp	DWS - MJS
Cup Holder illumination	DWS - MJS
Foot well Lamps	DWS - MJS
Inner handle Lamp	DWS - MJS
Map Pocket Lamp	DWS - MJS
Door Ajar Lamp	DWS - MJS

Application	Base Part
Centre Bezel Switch (Hazard)	DWS-MJS
Centre Bezel Switch (Others)	DDS – CJS
Drive Side IP Switch (illumination)	L3R- C60D0
Power Window Switch Main	L3R- C60D0
Power Window Sub Switch	L3R- C60D0
Infotainment System – TFT illumination	DWS – MJS
Infotainment System – TT illumination	DWS – MJS
Infotainment System – switch illumination	DDS – CJS
Infotainment System – Call Drop	DDS – CJS
Infotainment System – Call Pick	DDS – CJS

Application	Base Part
Steering Wheel Sw - illumination	DDS – CJS
Steering Wheel Sw – Call Drop	DDS – CJS
Steering Wheel Sw – Call Pick	DDS - CJS
HVAC Panel (illumination)	DDS - CJS
HVAC Panel (indication)	SSR – CLD
HVAC Panel (indication)	SSA – CLD
HVAC Panel (indication – Hot)	SSR – CLD
HVAC Panel (indication)	SSW - HLG

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Automotive Project- Europe



Audi

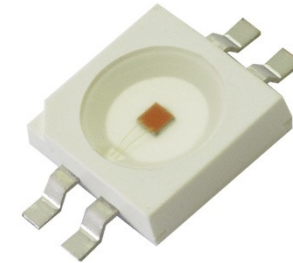
Application	Base Part
Car Key	DDH - CJS

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Automotive Project- Europe



BMW



Application	Base Part
Turn Signal	NKY-NHG

Fiat Alfa Romeo 147



Application	Base Part
Switches	DDS – CJS



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Automotive Project- Europe



Application

Backlight Button

Base Part

SSY - CLD





Fiat Ducato

Application	Base Part
Air – Conditioning Platform	DDG - CJS
Service Platform Light	DDO – CJS
	DDY – CJS

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Automotive Project- Welt Project



Volkswagen



Application	Base Part
Lock Doors	DDS - CJS
Central Door Locking	DWY - EJS
Window Openers Platform	SSS - CLD

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Automotive Project- Welt Project



Application	Base Part
Service Platform Light	DDY -CJS



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Why Dominant

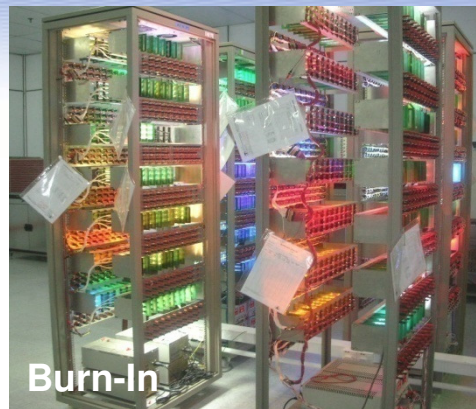


Core Competencies

- ✓ High technologies process capabilities. Real to Real concept.
- ✓ Robust process quality control, with continuous PokaYoke (error proof).
PPM level < 0.03.
- ✓ Wide experience in Automotive biz. MNC recognition,
Best Supplier Award from Visteon China in 2010;
Best Supplier Award (Quality) from Delco China in 2011.
- ✓ Ownership of various patents.
- ✓ Continuous effort in process automation.
- ✓ Two plant strategy, to ensure continuity of supplies.



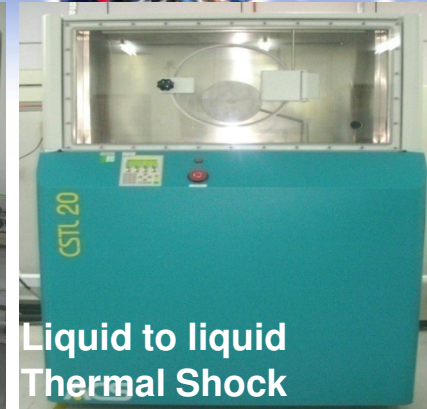
IR-Re flow



Burn-In



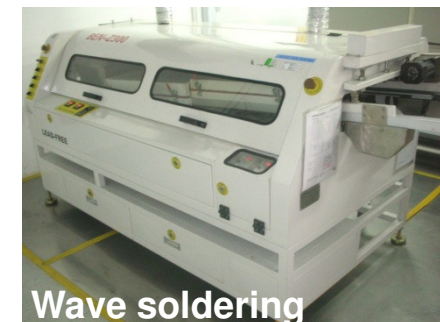
Temperature and Humidity Chamber



Liquid to liquid Thermal Shock

Use For:

- Ambient Life Test (ALT)
- High Temperature High Humidity Test (ELT)
- High Temperature High Humidity Reversed Biased (WHTRB)
- High Temperature Operating Life Test
- High Temperature Storage Test (HTS)
- Low Temperature Storage Test (LTS)
- Thermal Shock Test
- Glass Transition Temperature And Others



Wave soldering



Burn-In Oven

IDEA TO TECHNOLOGY

**Design
Package
Development**

**Process
Development**

**Process
Ramp Up**

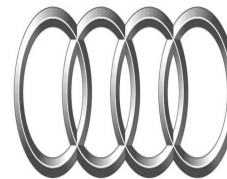
- New package development
- DFMEA
- Modeling & simulation

- PFMEA
- Process Simulation / DOE
- Test Program development
- Process reliability test
- Qual sample test
- Release of samples
- Equipment design
- FMEA
- Poka Yoke enhancement
- Pre launch Control Plan

- Review of process windows to further reduce variation (internal & external)
- Yield improvement
- Process capability analysis (Cpk)

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**Automotive
Customers**



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Thank You

