



深圳市立得芯电子有限公司

✦ Shenzhen Ledechip Electronics Co., LED.

# 目录

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## ■ 公司概况



深圳市立得芯电子有限公司是一家拥有行业经营10年的专业电子元器件代理分销的混合公司。公司在深圳（总部）香港，上海均有办事处。公司累积团队人数到达50名。现货服务于市场经验10年+。市场部销售+后期仓储配送员团队50名。现货仓库2000平方。年销售额超过2个亿RMB。我们送货效率高，产品均可追溯8D报告。只做原装。我们优势产品线现货如下：一.LITEON 光宝 现货品类：贴片LED 光耦，光电传感器。二.：EVERLIGHT 亿光 现货品类：光耦 贴片LED 插件LED 光电开关 三：Avago安华高 光耦（PC817 PC357） 贴片LED 四：东芝光耦 TLP785 价优 碾压光耦同行 五.ON 仙童光耦（可控硅MOC30XX系列)六.夏普光耦 PC817七.CT兆龙 全系列光耦八.冠西全系列光耦 九.授权代理：MATELIGHT 美特光 品类：贴片LED 插件LED 光电耦合器 光电开关。部分进口芯片：ST 英飞凌 美台。有压现货。我们经营理念：立志即立品，有“德“便有”得“，创新创“芯”值。交易方式：可接受RMB含税交易，USD香港交货。进口光耦长期排单价更优

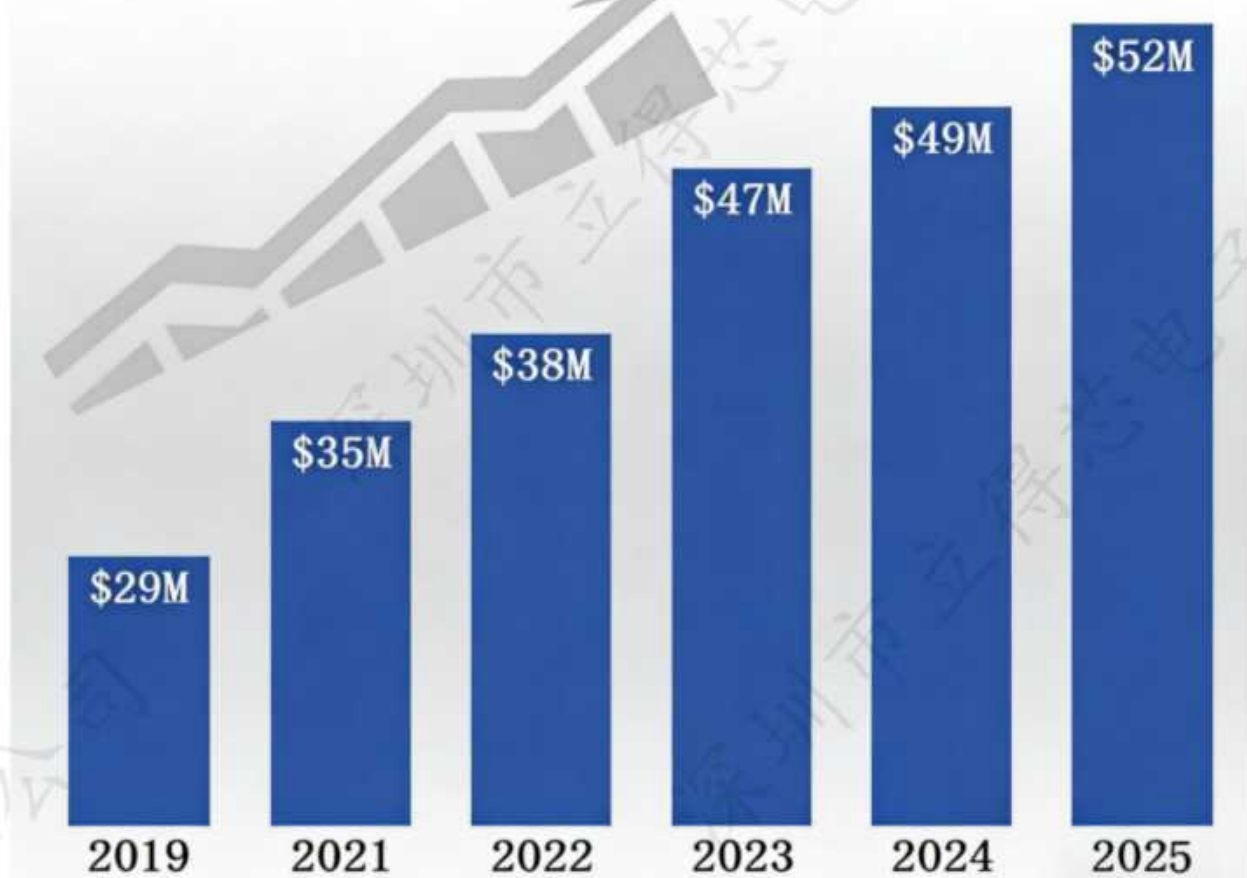


成立：2014

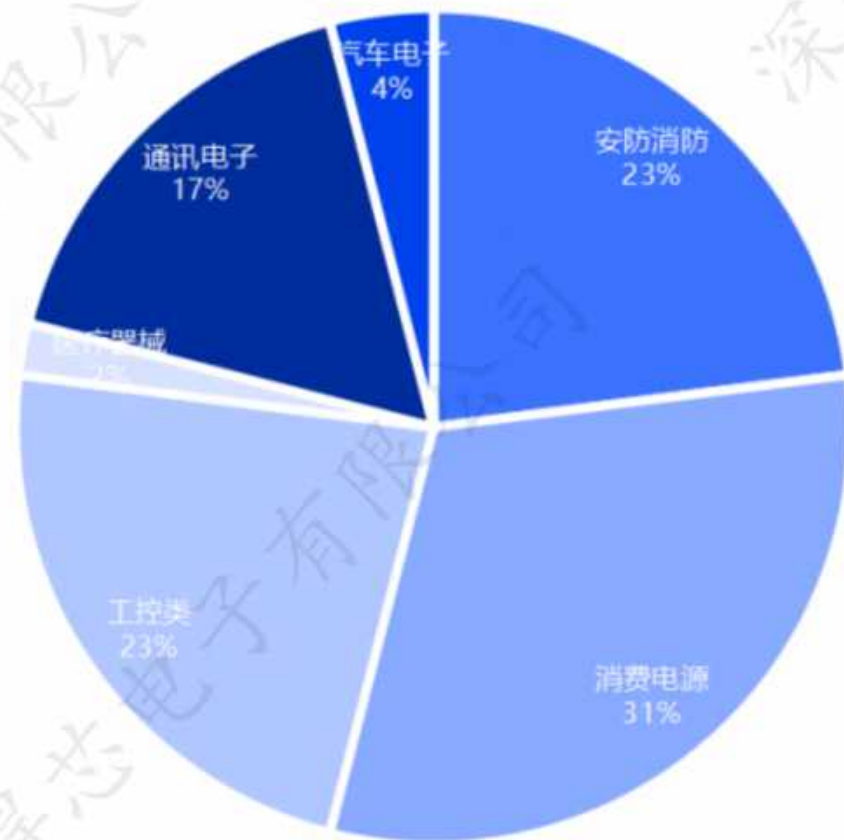


销售地址：深圳/香港/上海

单位M: 百万美元



2025年度



## 快速响应

全方位售后，专业、高效的售后团队。当您的产品在使用或者设计中遇到难点，专业的技术人员会在第一时间为您提供解决方案。

## 专业销售团队

公司拥有一支高尖精专业从事LED技术方面的团队，为客户提供快速高效的技术支持。您身边的光源方案的解决提供好帮手。可提供全球LED知名品牌的BIN TO BIN 选型。

## 充沛供货能力

公司在国内和香港均拥有现货仓库，能够进一步的缩短供货周期短，常年备有大量现货库存。拥有代理资质+现货商，我们全亚洲电子元器件最集中的华强北华强LED第三分店，设有我们的市场门市部+仓库。为周边提供解决样品，小批量的现货供应商。



## 一站式解决方案

从您的设计、试样、试产等提供一站式服务，让您的产品轻轻松松上市，无后顾之忧。公司并成立自己的电商品牌“光宝易购”。  
网址：[www.liteon-ebuy.com](http://www.liteon-ebuy.com)

## 渠道品质保证

立得芯的每一颗产品都来源于正规授权渠道，如原厂授权代理以及代理商。每一颗产品都可追溯原厂报告+产品原装品质保证。

## 强大设计能力

专业的技术工程师加上原厂的技术人员做后盾，让您的产品从设计到开发畅通无阻。

# 主要客户



## Dual Channel Transistor (SOP8)



### LTV-200 series

- Current transfer ratio (CTR) : min 20% @ IF=10mA, VCE = 5V (DC)
- High input-output isolation voltage. (Viso=3,750Vrms)
- Feedback Control Circuits
- Feedback element in switchingmode power

supplier:  
• Monitor & Detection Circuits

## Long Mini-Flat transistor (LSOP4 & LSOP5)



### LTV-10XX-G (LSOP4) LTV-11XX-G (LSOP5)

- High input-output isolation voltage. (Viso=5,000Vrms)
- High collector-emitter voltage. (Vceo=70V)
- Hybrid substrates that require high density monitoring.
- Programmable logic

controllers.  
• Home appliance.  
• Mobile Charger,  
• TV Power.

## Half Pitch Transistor & Darlington



### LTV-2X4

(AC input: 1CH 214, 2CH 224, 4CH 244)

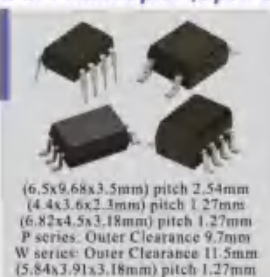
### LTV-2X7

(DC input: 1CH 217, 2CH 227, 4CH 247)

### LTV-2X5 (Darlington, 1CH 215, 4CH 245)\*

- Current transfer ratio (CTR) : 20% to 400% @ IF = ±1mA, VCE = 5V (AC)
- 50% to 600% @ IF=5mA, VCE = 5V (DC)
- \* High input-output isolation voltage. (Viso= 3,750Vrms)
- Darlington CTR: Min>800%.
- Switching mode power supply and charge.
- Sequene controllers.
- System appliances, measurements.
- I/O Interface for Programmable controllers, computer.
- Signal transmission between circuit of different potentials and impedances.

## IPM Photocoupler (Open Collector Output)



### LTV-4506 (DIP8) LTV-M456 (SOP5)

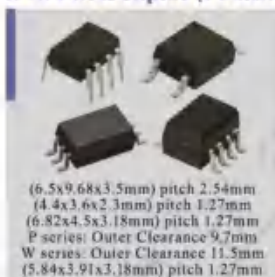
### LTV-456W & LTV-456P (LSOP6)

### LTV-456 (SOP8)

- Vcc from -0.5V to 30V.
- Performance Specified for Common IPM Applications over Industrial Temperature range=-40°C ~ +100°C.
- Short Maximum Propagation Delays: tPHL = 400ns, tPLH = 550ns.
- Minimized Pulse Width Distortion (PWD) = 450ns.
- Very High Common Mode

Rejection (CMR): 20kV/μs @ VCM=1000V \*\* Totem Pole.  
• IPM Interface Isolation.  
• Isolated IGBT/MOSFET Gate Drivers.  
• AC and Brushless DC Motor Driver.  
• Industrial Inverters.  
• General Digital Isolation.

## IPM Photocoupler (Positive output type(H-H))



### LTV-M480 (DIP8)

### LTV-4800 (SOP5)

### LTV-480W & LTV-480P (LSOP6)

### \* LTV-0480 (SOP8)

- Vcc from 4.5V to 30V.
- Performance Specified for Common IPM Applications over Industrial Temperature range=-40°C ~ +100°C.
- Short Maximum Propagation Delays= 250ns.
- Minimized Pulse Width Distortion (PWD) =120ns.

Very High Common Mode Rejection (CMR): 20kV/μs @ VCM=1000V.  
• IPM Interface Isolation.  
• Isolated IGBT/MOSFET Gate Drivers.  
• AC and Brushless DC Motor Driver.  
• Industrial Inverters.  
• General Digital Isolation.

## IGBT Gate Driver (DIP8)



### LTV-3120-N2 (2.5A, 15-30V, 500ns)

### LTV-3150 (1A, 15-30V, 200ns)

### LTV-3180 (2.5A, 15-30V, 200ns)

### LTV-3150-L (1A, 10-30V, 200ns)

### LTV-T350 (2.5A, 15-30V, non-rail to rail)

- 1.0A / 2.5 A maximum peak output current.
- Rail to Rail output voltage.
- 25 kV/us minimum Common Mode Rejection (CMR) at VCM = 1500 V.
- High input-output isolation voltage. (Viso=5,000Vrms)
- ICC = 3.0 mA maximum supply current.
- Wide operating range: 10 to 30 Volts. (VCC) / 15 to 30 Volts. (VCE)
- Guaranteed performance over temperature -40°C ~ +105°C.
- IGBT/ MOSFET gate drive.
- Uninterruptible power supply. (UPS)
- Industrial Inverter.
- Induction Cooker.

## Mini Flat Transistor & Darlington (SOP4)

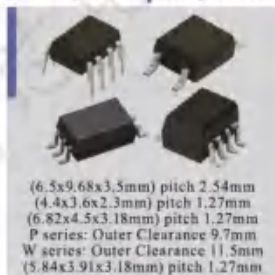


(4.4x3.85x2.1mm) pitch 2.54mm

**LTV-352T\* / LTV-355T\*\***  
**LTV-357T / LTV-354T (AC input)**  
**LTV-356T**

- Current transfer ratio (CTR) : 20% to 400% @IF = ±1mA, VCE = 5V (AC) 50% to 600% @IF = 5mA, VCE = 5V (DC)
- High input-output isolation voltage. (Viso=3,750Vrms)
- Darlington CTR: Min>1000%.
- \*\*Darlington CTR Min>600%.
- RoHS Compliance.
- Hybrid substrates that require high density monitoring.
- Programmable logic controllers.
- Home appliance.

## IPM Photocoupler (Inverted output type. (H-L))



(6.5x9.68x3.5mm) pitch 2.54mm  
 (4.4x3.6x2.3mm) pitch 1.27mm  
 (6.82x4.5x3.18mm) pitch 1.27mm  
 P series: Outer Clearance 9.7mm  
 W series: Outer Clearance 11.5mm  
 (5.84x3.91x3.18mm) pitch 1.27mm

**LTV-M481 (DIP8) LTV-4801 (SOP5)**  
**LTV-481W & LTV-481P (LSOP6)**  
**\* LTV-0481 (SOP8)**

- Vcc from 4.5V to 30V.
- Performance Specified for Common IPM Applications over Industrial Temperature range = -40°C ~ +100°C.
- Short Maximum Propagation Delays = 250ns.
- Minimized Pulse Width Distortion (PWD) = 120ns.
- Very High Common Mode Rejection (CMR): 20kV/μs @ VCM = 1000V.
- IPM interface Isolation.
- Isolated IGBT/ MOSFET Gate Drivers.
- AC and Brushless DC Motor Driver.
- Industrial Inverters.
- General Digital Isolation.

## Solid State Relay (DIP8)



(6.5x9.68x3.5mm) pitch 2.54mm

**LTV-0213 LTV-0223 LTV-1213**  
**LTV-1223 LTV-2213 LTV-2223**  
**LTV-3213 LTV-3223**

- Random phase (X223), IT(RMS) 0.3A / 0.6A / 0.9A / 1.2A.
- Zero crossing (X213), IT(RMS) 0.3A / 0.6A / 0.9A / 1.2A.
- High input-output isolation voltage. (Viso=5,000Vrms).
- VDRM: 600V.
- Trigger current (IFT): < 10mA.
- AC Motor drivers and starters.
- E.M. contactors.
- Solenoid / Valve controls.
- Solid state relays.
- Static Power Switches.
- Temperature controls.

## PhotoTriac (DIP6)



(4.4x3.85x2.1mm) pitch 2.54mm

**MOC3023 / MOC3052**  
**MOC3063 / MOC3083**

- Random phase (302x/305x)
- Zero crossing (306x/308x)
- High input-output isolation voltage. (Viso=5,000Vrms)
- High repetitive peak off-state voltage: 400V-800V.
- Trigger current (IFT): < 5mA.
- AC Motor drivers and starters.
- E.M. contactors.
- Lighting controls.
- Solenoid / Valve controls.
- Solid state relays.
- Static Power Switches.
- Temperature controls.

## Mini Flat PhotoTriac (S04)



(6.5x7.3x3.5mm) pitch 2.54mm

**LTV-3023 / LTV-3052**  
**LTV-3063 / LTV-3083**

- Random phase. (302x/305x)
- Zero crossing. (306x/308x)
- High input-output isolation voltage. (Viso=3,750Vrms)
- High repetitive peak off-state voltage: 400V-800V.
- Trigger current (IFT): < 5mA.
- AC Motor drivers and starters.
- E.M. contactors.
- Lighting controls.
- Solenoid / Valve controls.
- Solid state relays.
- Static Power Switches.
- Temperature controls.

## IGBT Gate Driver (SOP5)



(4.4x3.6x2.3mm) pitch 1.27mm

**LTV-155E LTV-152**

- 0.6 A / 2.5A maximum peak output current.
- 200ns maximum propagation delay.
- High input-output isolation voltage. (Viso=3,750Vrms)
- Common mode transient immunity: ±35kV/μs(min)
- ICC = 3 mA maximum supply current.
- Wide operating range: 10 to 30 Volts. (VCC)
- Guaranteed performance over temperature -40°C ~ +105°C.
- IGBT/MOSFET gate drive.
- Uninterruptible power supply. (UPS)
- Industrial Inverter.
- PDP TV.

## High Speed Photocoupler (1MBd)



(6.5x9.68x3.5mm) pitch 2.54mm  
(4.4x3.6x2.3mm) pitch 1.27mm  
(6.82x4.5x3.18mm) pitch 1.27mm  
P series: Outer Clearance 9.7mm  
W series: Outer Clearance 11.5mm  
(5.84x3.91x3.18mm) pitch 1.27mm

**6N135 (DIP8) 6N136 (DIP8) LTV-M501 (SOP5)  
LTV-50LP & LTV-50LW (LSOP6)  
LTV-0501 (SOP8, 1CH)  
LTV-053L (SOP8, 2CH)**

- Open collector output.
- \*1Mb/s analog transistor.
- TTL compatible.
- Guarantee performance from temperature range: -55°C to 100°C.
- 10kV/μs minimum Common Mode Rejection (CMR) at VCM = 1000V.
- Computer-peripheral.
- Instrument input/output isolation.
- High speed isolated line receiver.
- Microprocessor system interface.
- Switching Power Supply.
- Digital isolation for A/D, D/A conversion.
- Replace Pulse transformer.

## IGBT Gate Driver (LSOP6)



(6.82x4.5x3.18mm) pitch 1.27mm  
P series: Outer Clearance 9.7mm  
W series: Outer Clearance 11.5mm

**LTV-340P (1A, 15-30V) LTV-340W (1A, 15-30V)  
LTV-341P (3A, 15-30V) LTV-341W (3A, 15-30V)  
LTV-314P (1A, 10-30V) LTV-314W (1A, 10-30V)  
LTV-314NW (1A, 10-30V) LTV-314NP (1A, 10-30V)**

- Package clearance / creepage at 8mm.
- 1A / 3A maximum peak output current.
- Rail to Rail output voltage.
- 35 kV/μs minimum Common Mode Rejection (CMR) at VCM = 1500 V.
- High input-output isolation voltage. (Viso = 5,000Vrms)
- ICC = 3.0 mA maximum.
- supply current.
- Wide operating range: 10 to 30 Volts. (VCC) / 15 to 30 Volts. (VCC)
- Guaranteed performance over temperature -40°C ~ +105°C.
- IGBT/MOSFET gate drive.
- Uninterruptible power supply. (UPS)
- Industrial Inverter4, Induction cooker.

## Schmitt trigger Output Photocoupler (DIP6)



(6.5x7.3x1.5mm) pitch 2.54mm

**H11L1-L H11L2-L H11L3-L**

- High data rate, 2MHz typical. (NRZ)
- Microprocessor compatible drive.
- Logic compatible output sinks 16mA at 0.4V maximum.
- Guaranteed on/ off threshold hysteresis.
- Wide operating range.
- Guaranteed performance over temperature -40°C ~ +100°C.
- Logic to logic isolator.
- Programmable current level sensor.
- Line receiver-eliminate noise and transient problems.
- A.C. to TTL conversion-square wave shaping.
- Digital programming of power supplies.
- Interfaces computers with peripherals.

## MOS Relay (SOP4)



(6.5x7.3x3.5mm) pitch 2.54mm

**LTV-172A LTV-172G LTV-178**

- Normally open (1-form-A)
- Trigger LED current: 3 mA (max).
- High input-output Isolation voltage: 3750 Vrms (min).
- Low-level off state leakage current of max 1μA.
- OFF-state output voltage 350V / 100V / 60V (min).
- ON-state current
- 110mA / 150mA / 550mA (max).
- ON-state resistance 35Ω / 8Ω / 2Ω (max).
- Battery Management System (BMS).
- Factory Automation (FA).
- Security Systems.
- Measuring Instruments.
- Smart Meters.
- Mechanical relay replacements.

## MOS Relay(DIP4/6)



(6.3x4.6x3.5mm) pitch 2.54mm  
(6.5x7.3x3.5mm) pitch

**DIP4  
LTV-8212 LTV-8214 LTV-8217 LTV-8216  
DIP6  
LTV-7212 LTV-7214 LTV-7217 LTV-7216**

- Normally open (1-form-A).
- Trigger LED current: 3 mA (max).
- High input-output Isolation voltage: 5000 Vrms (min).
- Low-level off state leakage current of max 1μA.
- OFF-state output voltage 600V / 400V / 250V / 60V (min).
- ON-state current
- 50mA / 120mA / 180mA / 550mA (max).
- ON-state resistance 120Ω / 35Ω / 15Ω / 2.5Ω (max)
- High-speed inspection machines.
- Telephone equipment.
- Data communication equipment.
- Computers.

## High Speed Photocoupler (100kBd)

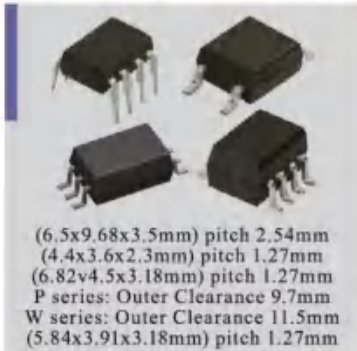


(6.5x9.68x3.5mm) pitch 2.54mm  
(4.4x3.6x2.3mm) pitch 1.27mm  
(5.84x3.91x3.18mm) pitch 1.27mm

**6N138 (DIP8)  
LTV-M701 (SOP5)  
LTV-073L (SOP8 2CH)**

- Open collector output.
- Guarantee performance from temperature range: -45°C to 85°C
- 100Kb/s analog darlington.
- 1kV/μs minimum Common Mode Rejection (CMR) at VCM = 10V.
- Computer-peripheral.
- Instrument input/output isolation.
- High speed isolated line receiver.
- Microprocessor system interface.
- Switching Power Supply.
- Digital isolation for A/D, D/A conversion.
- Replace Pulse transformer.

## High Speed Photocoupler (10MBd)



**6N137 (DIP8)\***      **LTV-M601 (SOP5)\***  
**LTV-60LP (LSOP6)\***    **LTV-60LW (LSOP6)\***  
**LTV-70LP (LSOP6, CMOS)\*\***  
**LTV-70LW (LSOP6, CMOS)\*\***  
**LTV-0601 (SOP8, 1CH)\***  
**LTV-063L (SOP8, 2CH)\***  
**LTV-074L (SOP8, 2CH CMOS)\*\***

- \*Open collector output.
- \*\* Totempole output.
- Guaranteed performance overtemperature -40oC ~ +105oC.
- LVTTTL/ LVCMOS Compatible.
- 10Mb/s digital logic.
- 10kV/μs minimum. Common Mode Rejection (CMR) at VCM = 1000V.
- Computer-peripheral.
- Instrumnet input/ output isolation.
- High speed isolated line receiver.
- Microprocessor system interface.
- Switching Power Supply.
- Digital isolation for A/D, D/A conversion.
- Replace Pulse transformer.

## Transistor & Darlington Output (1 CH DIP4, DIP6; 2CH DIP8; 4CH DIP16)



**LTV-8X4**  
(AC input; 1CH 814, 2CH 824, 4CH 844)  
**AC input DIP6 LTV-733**  
**LTV-8X7**  
(DC input; 1CH 817, 2CH 827, 4CH 847)  
**DC input DIP6 LTV-702**  
**CNY17 series, 4N25, 4N35**  
**LTV-8X6**  
(DC input; 1CH 816, 2CH 826, 4CH 846)  
**LTV-8X5\***  
(Darlington; 1CH 815, 2CH 825, 4CH 845)  
**LTV-852\*\***

- Current transfer ratio (CTR): 20% to 300% @IF = ±1mA, VCE = 5V (AC)
- 50% to 600% @IF=5mA, VCE = 5V (DC)
- High input-output isolation voltage. (Viso=5,000Vrms)
- Employs double transfer mold technology.
- \*Darlington CTR: Min>600%.
- \*\*Darlington CTR: Min>1000%.
- Switching mode power supply and charger.
- Computer terminals.
- Home appliance.
- System appliances, measurements.
- Programmable logic controllers.
- Signal transmission between circuit of different potentials and impedances.

## 热销贴片LED (光宝)



0402系列



0603系列



0805系列



1206系列



0604系列



0804系列



1206系列

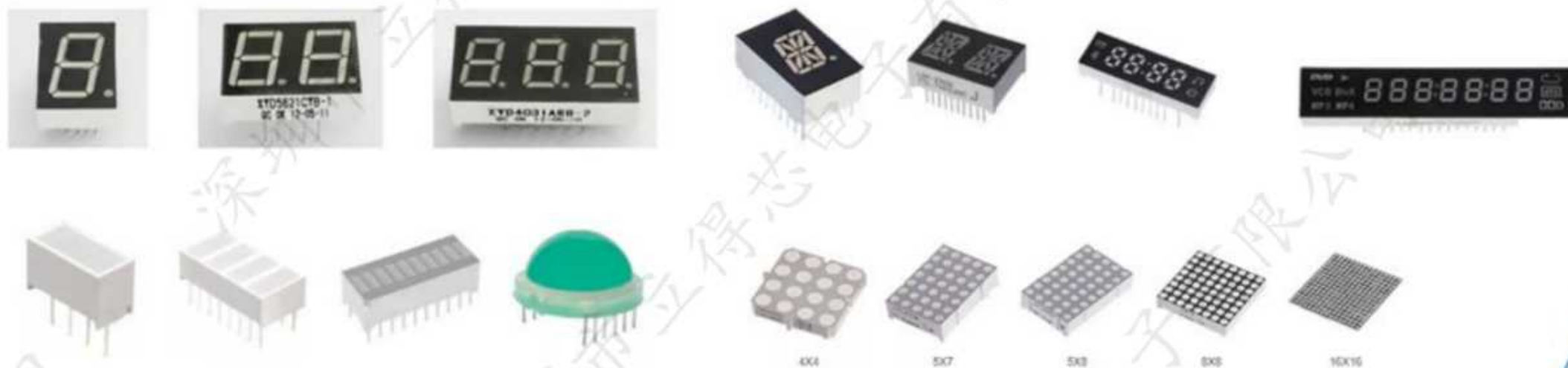
## 热销插件LED (光宝)



3毫米

5毫米

# 数码管 (光宝)



## 传感器 (光宝)



紫外线传感器



环境光传感器



集成传感器



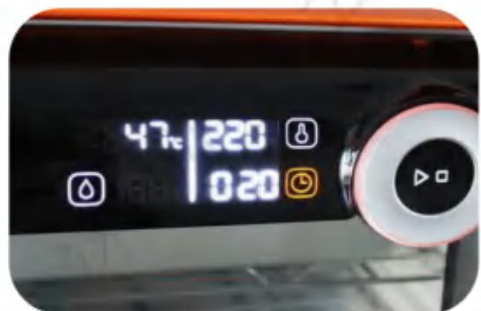
## 移动设备





3C





## 指示类





汽车行业



THANK YOU !