

IGBT



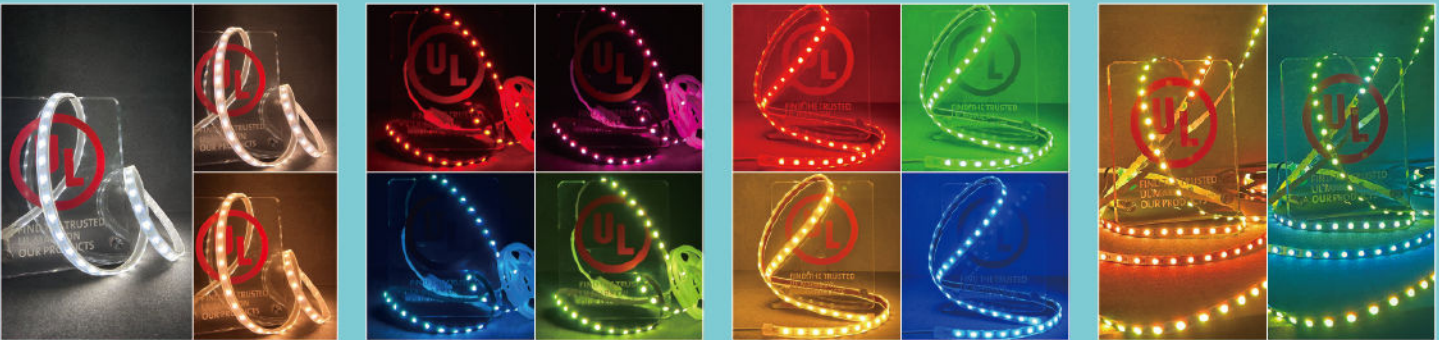
IGBT Discrete

BVce	Id max.	PN	FRD Built-in	Vce-sat. typ.@25°C	Package	Remark
650V	40A	PC40N065AF5	Yes	1.8V	TO-247	G5
650V	50A	PC50N065AH7S	Yes	1.6V	TO-247	G7
650V	60A	PC60N065AF5	Yes	1.85V	TO-247	G5
650V	75A	PC75N065AH7S	Yes	1.80V	TO-247	G7
650V	75A	PC75N065HD7	Yes	1.80V	TO-247ips	G7
1200V	40A	PC40N120AH7S	Yes	1.75V	TO-247	G7
1200V	75A	PC75N120GH7S	Yes	1.95V	TO-247	G7
1200V	75A	PC75N120HD7	Yes	1.95V	TO-247plus	G7
1200V	100A	PC100N120GH7S	Yes	1.80V	TO-247plus	G7

IGBT Module

BVce	Id max.	PN	FRD Built-in	Vce-sat. typ.@25°C	Package
1200V	100A	PM100T1120HS1	Yes	1.7V	Customize
1200V	150A	PM150T1120HS1	Yes	1.7V	Customize
1200V	450A	PM450T2120HS1	Yes	2.1V	Customize
1200V	600A	PM600T9120HS1	Yes	2.0V	Customize
1200V	100A	PM100T5120FS1	Yes	1.7V	Customize
1200V	100A	PM100T6120XS1	Yes	1.7V	Customize
1700V	200A	PM200T9170LS2	Yes	2.1V	Customize
1700V	300A	PM300T9170LS2	Yes	2.2V	Customize

LED Light Strips



5V / 12V / 24V 2835 Dual Color 5V / 12V / 24V 5050 RGB 5V / 12V / 24V 5050 RGB+control 5V / 12V / 24V 5050 RGB+IC

PARA LIGHT HISTORY

PARA LIGHT was founded in 1987, and listed on Taiwan Stock Exchange (TWSE) in 2008(ticker number 6226).

PARA LIGHT’s manufacturing facilities are located in China (Nanjing and Lianyungang), and Myanmar (Yangon), certified with ISO 14001, ISO 9001, QC 080000 and IATF 16949. PARA LIGHT produces high-quality products that comply with REACH and RoHS standards. Sales offices are based in Taiwan, China, USA and India. Our sales team and certified distributors are located around the world to provide immediate services and prompt delivery to the customers.

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No. 212, Pyin Si Minthar Gyi Street, Shwe Lin Ban Industry, Hlaing Thar Yar Township, Yangon, Myanmar

Options for COO Myanmar LED components

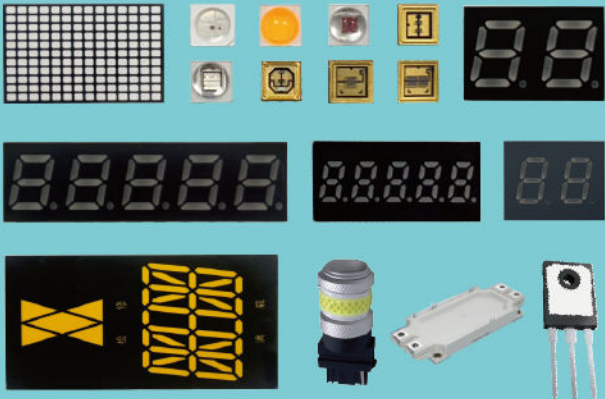


website

High-Performance IGBT



LED and Power Semiconductor

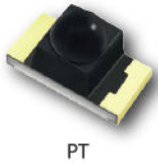


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LED SMD & PLCC



Dome Lens PT



PT

Dome Lens IR



IR

3528 (LT670WDT / LT670KYCT)
Size 3.5 X 2.8 x 1.9 mm



Wavelength λd(nm)	Lens Type	Luminous (mcd)	Viewing Angle (deg.)	V _F (V)	I _F (mA)
590~595	Yellow Diffused	2000	120	2.7~3.3	20
590~595	Clear	6000	120	2.7~3.3	20

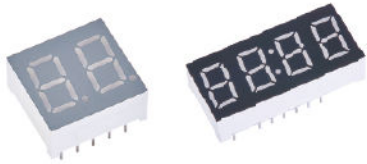
Certifications ICAT- International Centre for Automotive Technology



Display



Digit Display



362

3P4



Dot Matrix



5880

3771



Customized



DQCH5UB246G

DSA640LPG6134GA

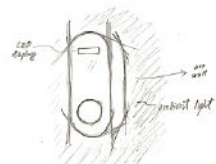
Part No.	Size	Color	Wavelength λd(nm)	Luminous Intensity I _v (mcd)	I _F (mA)	VF (V) 20 mA	
						Typ.	Max.
362	0.36 inch	●	628	1.8	10	2.1	2.6
3P4	0.36 inch	●	628	2	10	2.1	2.6
5880	2.4 inch	●	640	10	10	1.9	2.3
3771	2.3 inch	●	605	55	10	2.1	2.4
DQCH5UB246G	0.56 inch	○	465	20	20	3.2	3.8
DSA640LPG6134GA	4.0 inch	○	527	600	20	2.8	3.2

Lighting Module

Lighting design process

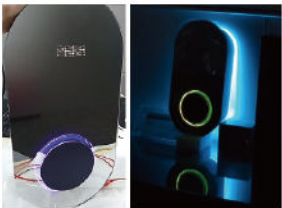
1. Customer design idea

Customer provide specific design idea



4. Mock up sample verification

Verify design idea with mock up sample



2. 3D & Lighting design

3D diagram will be drawn based on design and ParaLight will design the optimal LED layout and structure



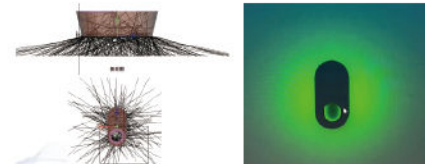
5. Mass production & quality control

Advance production facilities
Professional testing equipment



3. Optometry simulation & Result

Satisfactory Optometry simulation result will verify ParaLight's lighting and not waste resources for trial & error



Infrared LED & Detector

Smart Home IR Emitter / IRM Receiver for up to 16m range

Aircon
Display Dual Digit
Size 0.8 inch, IF (mA) 10

IR Remote
PT/IR 16m
IF (mA) 20, (deg.) 110

IRM Receiver Module
With or w/o shield in variable frequencies
3V, 0.9mA 5V, 1.0mA

Smart Meter IR/PT Communication & LED Indication with longest durability

Smart Energy Meter
LED Lamp
Current (IL) 20, Size 5 mm

Smart Wearables Sensors & LED Indication

Smart Watch
LC5042PDC-ZGY
Wavelength (nm) 400~1100
Viewing Angle 120°

Wireless Earbuds
LT2016R1CT-JNJ
Condition IF (mA) 10
Wavelength (nm) 940