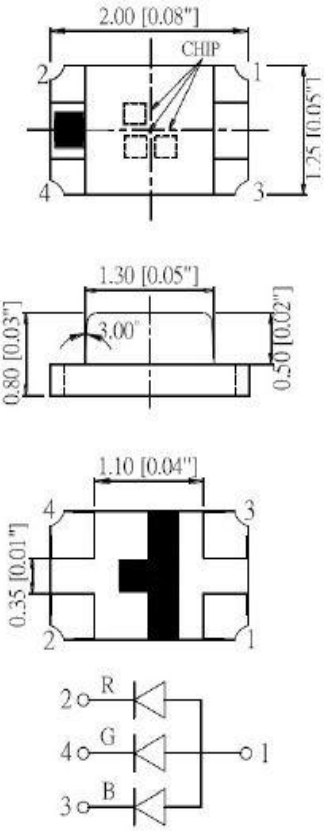
Dongguan Zhiding Electronics Technology Co., LTD
No.8, Yinling Industry Zone, Xiaqiao, Dongcheng District,
Dongguan, Guangdong, China
Tel:86-0769-22665151 Fax:86-0769-22665155 Contact: Elsa Xiao Email: sales@zhidingled.com

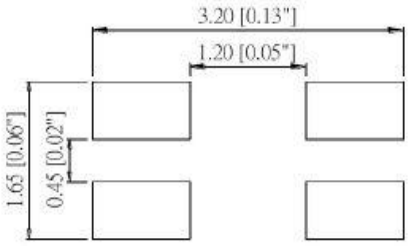
0805 rgb led

0805 2012 Tri-Color Chip SMD 4-Pin RGB LED Diode

■ Package Dimensions:



Recommend Pad Layout



Features

Package (L/W/H) : 2.0×1.25×0.8 mm

Color : Ultra High Bright RGB

Lens: Water Clear Flat Mold

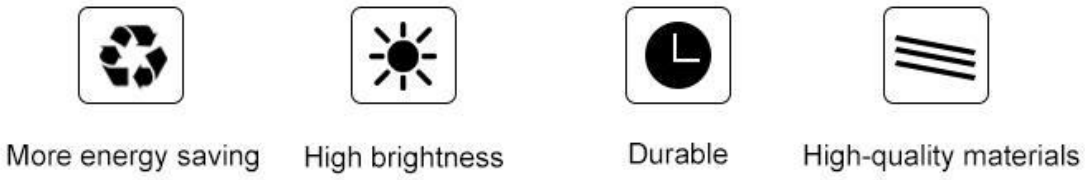
EIA STD Package

Meet ROHS, Green Product

Compatible With SMT Automatic Equipment

Compatible With Infrared Reflow Solder Process





PRODUCT PRESENTATION

0805 rgb led parameter

Absolute Maximum Ratings At Ta=25℃

Parameter	Symbol	Rating		Unit
Power Dissipation	Pd	R	75	mW
		G	100	
		B	100	
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFP	R	100	mA
		G	120	
		B	120	
DC Forward Current	IF	R	30	mA

		G	30	
		B	30	
Reverse Voltage	VR	R	5	V
		G	5	
		B	5	
Operating Temperature Range	Topr	-25C ~ + 80C		
Storage Temperature Range	Tstg	-40C ~ + 90C		
Soldering Condition	Tsol	Reflow soldering : 260C For 5 Seconds Hand soldering: 300C For 3 Seconds		

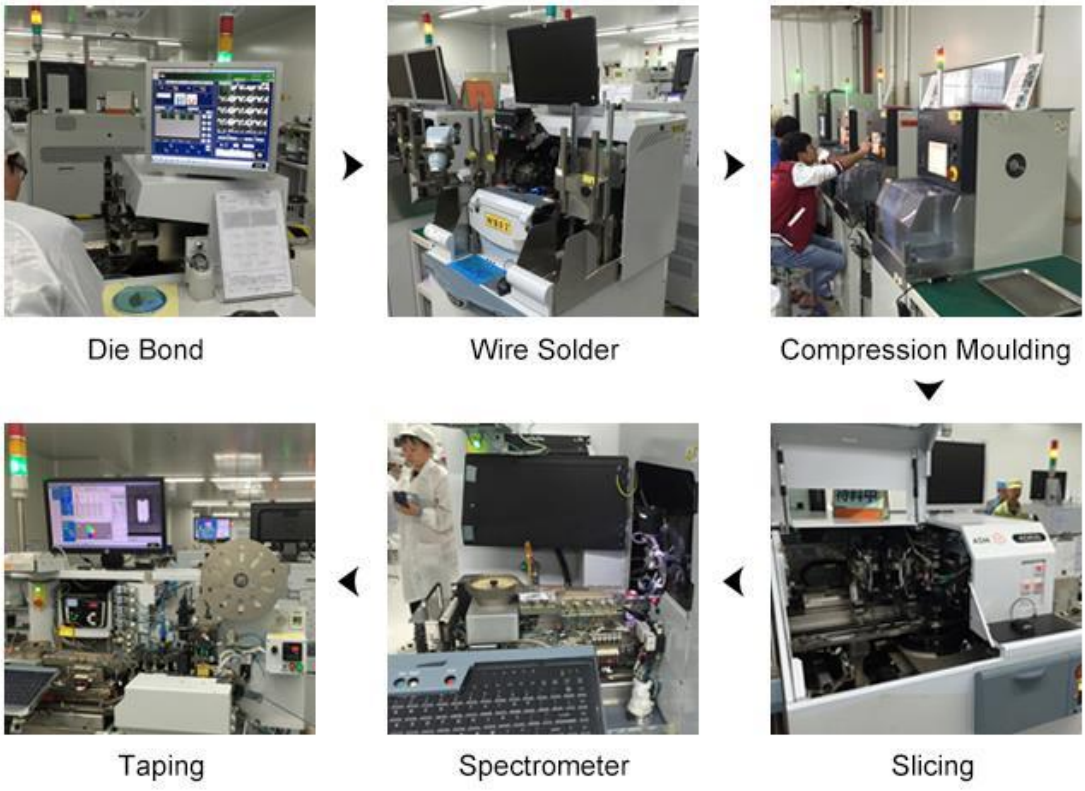
Electrical Optical Characteristics At Ta=25℃

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	I_F=20mA	80	160	—	mcd
Dominant Wavelength	λd	I_F=20mA	620	—	630	nm
Forward Voltage	V_F	I_F=20mA	1.8	—	2.4	V
Viewing Angle	2θ1/2	I_F=20mA	—	120	—	deg
Reverse Current	I_R	V_R=5V	—	—	10	uA

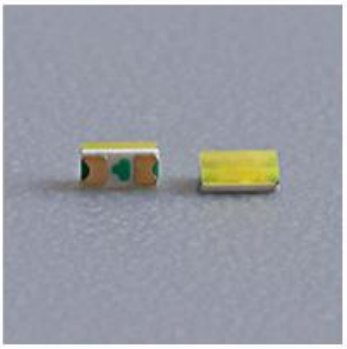
Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	I_F=20mA	300	500	—	mcd
Dominant Wavelength	λd	I_F=20mA	515	—	530	nm
Forward Voltage	V_F	I_F=20mA	2.8	—	3.4	V
Viewing Angle	2θ1/2	I_F=20mA	—	120	—	deg
Reverse Current	I_R	V_R=5V	—	—	10	uA

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	I_F=20mA	80	160	—	mcd
Dominant Wavelength	λd	I_F=20mA	460	—	475	nm
Forward Voltage	V_F	I_F=20mA	2.8	—	3.4	V
Viewing Angle	2θ1/2	I_F=20mA	—	120	—	deg
Reverse Current	I_R	V_R=5V	—	—	10	uA

PRODUCTION PROCESS



RELATED PRODUCTS



AL-S0402NWY-LP04-M



AL-S0602TGC-LP11-M



AL-S0603UBC-L006-M



AL-S0802TGC-LP10-M



AL-S0805SRC-L011-M



AL-S1204RGBC-L014-M



AL-S1204UBC-L014-M



AL-S1206DRC-L011-M

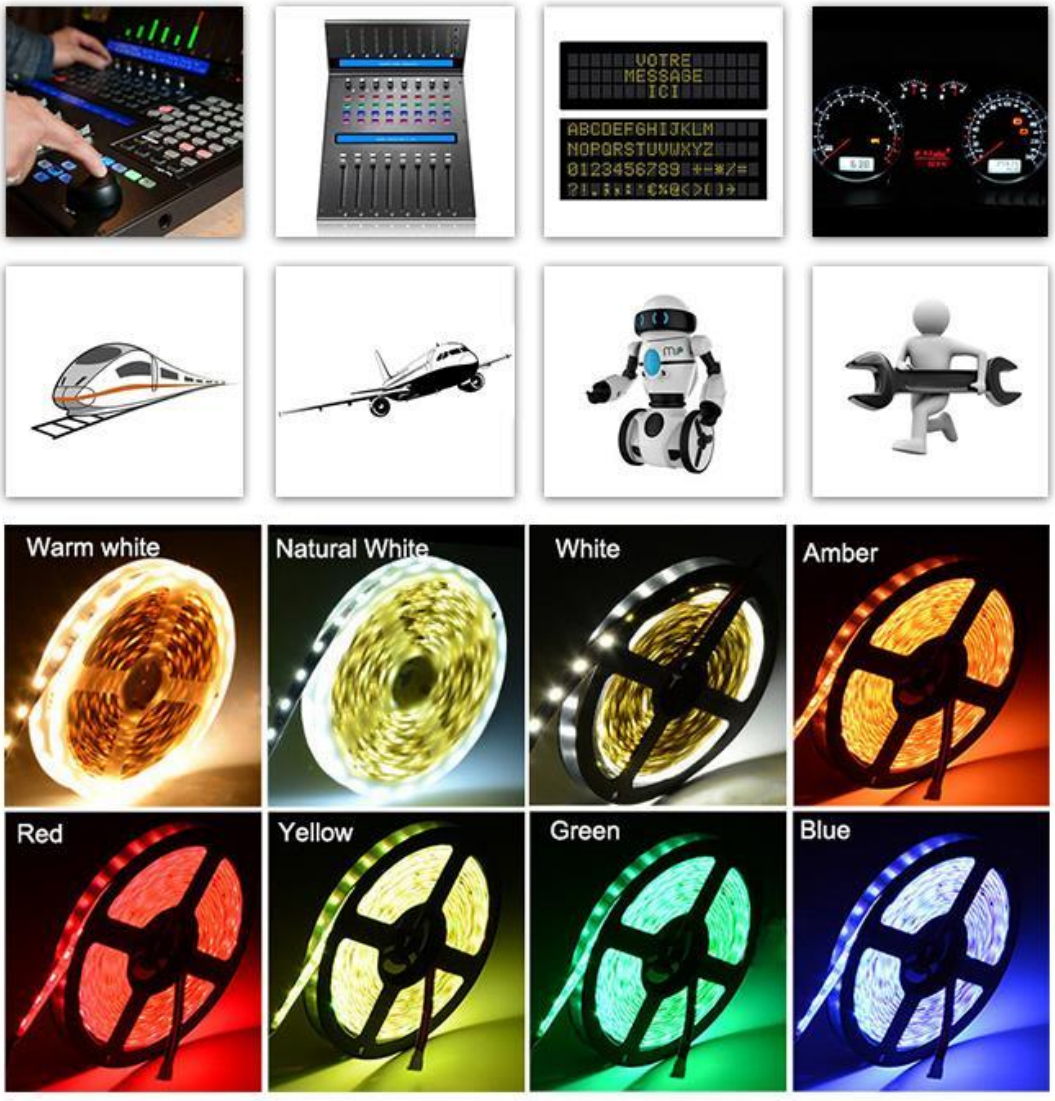


AL-S1206SRVGC-L0RG-M

APPLICATIONS

APPLICATION SCENARIOS:

1.Automotive: Dashboards, stop lamps, turn signals
2.Backlighting: LCDs, Key pads advertising
3.Status indicators: Consumer & industrial electronics
4.General use



Company Profile

Dongguan Zhiding Electronics Technology Co., Ltd is awarded High-Tech enterprise by China. It is one of the leaders in LED field in China, with more than 10 years experience in LED industry, with most advanced equipment from Japan, Singapore, Hong Kong , ASM, K&S, DISCO, Single well etc., with production capacity of 500KK units each month, with our own industrial park in Dongguan, China.

For DIP LED (Lamp LED, Through Hole LED), we have 3mm 5mm round single color, bi-color and RGB, Red, Blue, Green, Pure Green, Yellow, Orange, White, Warm White, Purple, Pink, Red/Blue, Red/Green (Common Anode & Common Cathode), RGB full color etc. with certificates of RoHS, CE, UL, SGS etc..

For High Power LED, we have 1-300W, White, Red, Green, Yellow, Blue, Orange, Bi-Color, RGB etc..

For LED Display Screen and Modules, we have Surface Mount and Through Hole Indoor and Outdoor Display Screen and Modules P2, P2.5, P3, P4, P5, P6, P8, P10, P12, P16 and P20, RGB, Bi-color and Single Color.

For LED Lights, we have LED Tube, LED Lamp, LED Spot light, LED Street Light etc..

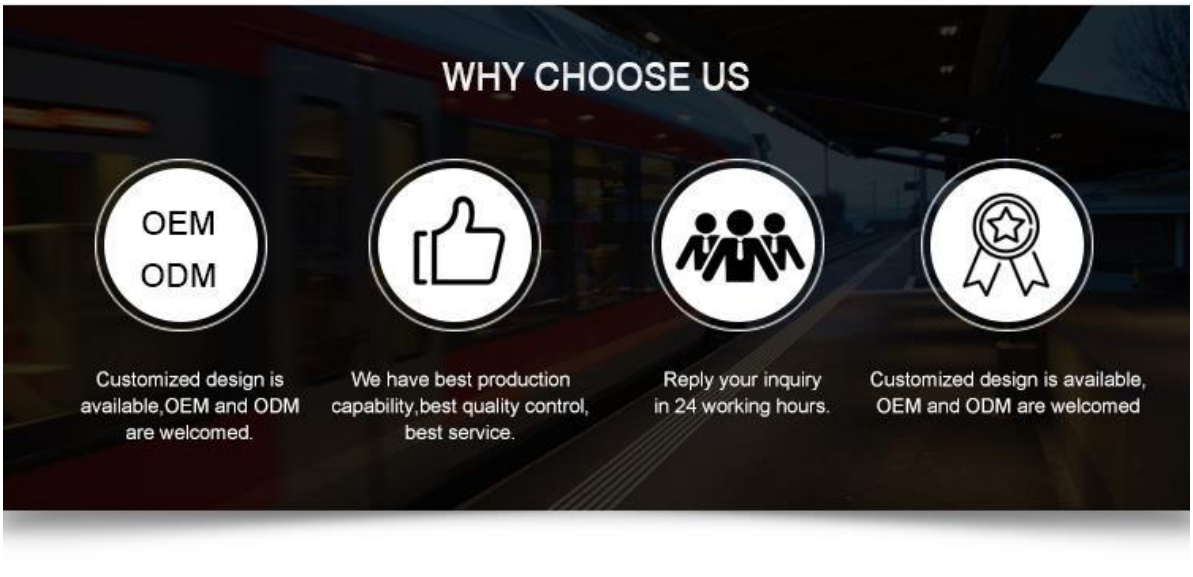
Our factory are with certificates of ISO9001.



COOPERATIVE CLIENT

F&C® SUGA® OPT® Machine Vision USI® Realizing IDEAS Together mega cell line UCHI

BlueSky TOPBAND BiROD vtech®



CERTIFICATION



SHIPPING

SHIPPING

1.FedEx/DHL/UPS/TNT for samples, Door-to-Door
2.By Air or by Sea for batch goods, for FCL; Airport/ Port receiving
3.Customers specifying freight forwarders or negotiable shipping methods
4.Delivery Time: 3-7 days for samples; 5-25 days for batch goods

FAQ

Q1. How can I pay the order?

A1. Usually we accept T/T, Paypal and Western Union. If you want to pay by other ways, please contact me.

Q1. Will you deliver the right goods as ordered? How can I trust you?

A1. Yes, we will. The core of our company culture is honesty and credit. We warm welcome customer or his agent or his 3rd party come to our factory for detail checking. We protest customer's design, sales area competition, ideas of design and all of your private information.

Q2. Can you deliver in sufficient quantities all time?

A2. For general products, We have stock, shipment in 3 days once we receive the payment. If the order quantity is large, we hope customers place order 15 days in advance.

Q3. How about your supply ability?

A3. 80000K per month.

Q4. If your company can custom products as my required and put my LOGO on?

A4. All of our product are designed and customized as required including color, print, pattern and LOGO.

Q17. Do you accept drop shipping?

A17. Yes, it is available.

Q18. Can I have samples to test?

A18. Yes, we are pleased to supply samples to test and check quality, mixed sample order is available.

Most of the regular items, we are stocked, so we have an advantage in the delivery period. In the absence of inventory, we will arrange production as soon as possible according to customer needs. Providing quality service to customers is the basic premise of our sales. Welcome to inquire about our products!

Sales Representative

Elsa Xiao

Oversea Sales Manager

Dongguan Zhiding Electronics Technology CO., LTD

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