

2025

PHOTO COUPLER Selection Guide

光耦产品选型手册



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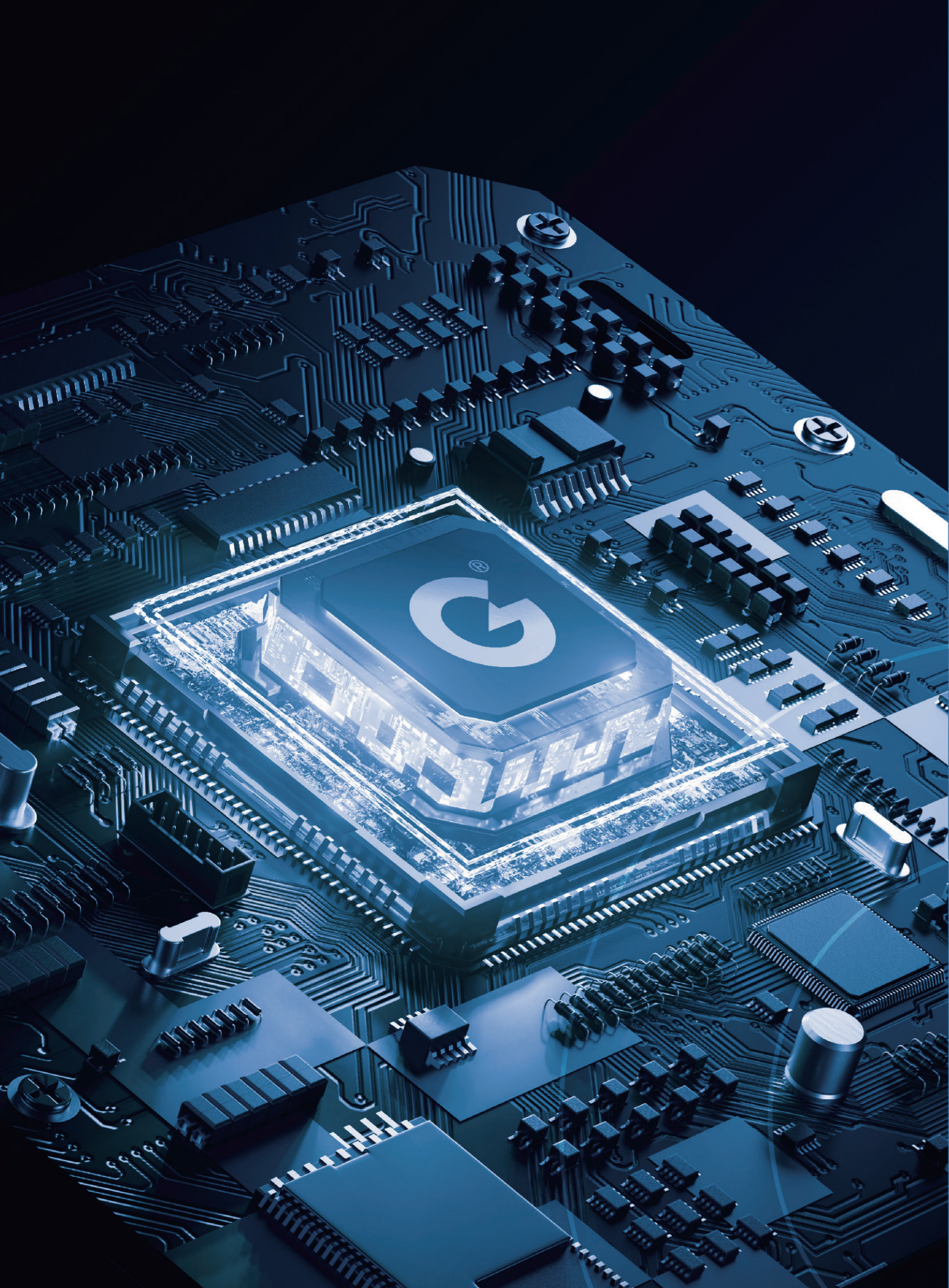
Email:
sales@galaxyopto.com



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常州银河光电科技有限公司
Changzhou Galaxy Optoelectronics Technology Co.,Ltd.



CORPORATE DIRECTORY

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经营理念

通过技术创新、产品创新服务创新和制度创新，始终追求质量领先、效益显著、环境友好的持续增长。



企业愿景

致力成为半导体光电器件行业的领先企业



核心价值观

诚实守信
拼搏创新
精益求精
合作共赢



企业使命

努力
为客户创造价值
为员工提供平台
为股东实现回报
为社会做出贡献

Company Profile

企业简介

常州银河光电科技有限公司是银河微电子的子公司，是一家专注于半导体光电产品研发、封装测试、销售服务的一体化企业，主要包括各品类光电耦合器、光电传感器、LED 灯珠等。

公司以封装测试专业技术为基础，具备 IDM 模式下的一体化经营能力，可以为客户提供适用性强、可靠性高的系列产品及技术解决方案，满足客户一站式采购需求。产品广泛应用于电源、家电、通讯、仪器仪表、工业控制、新能源、汽车电子等领域。公司将秉承“用我们的努力，成就顾客的辉煌”的长期服务理念，以卓越的产品和优质的服务与世界各地客户展开最广泛的合作！

Changzhou Galaxy Optoelectronics Co., Ltd., a subsidiary of Galaxy Microelectronics, is an integrated enterprise on the Research & Development, Packaging & Testing, Sales & Services of optoelectronic semiconductor products, including various types of photocouplers, photoelectric sensors, LED lamp beads, and so on.

The company has a solid foundation in packaging and testing expertise, as well as an IDM mode of integrated business model, and is able to provide customers with applicable, highly reliable product portfolio and technical solutions to offer one-stop shopping for the customers. Our products are widely used in power supply, home appliances, communications, instrumentation, industrial control, new energy, automotive electronics and other fields.

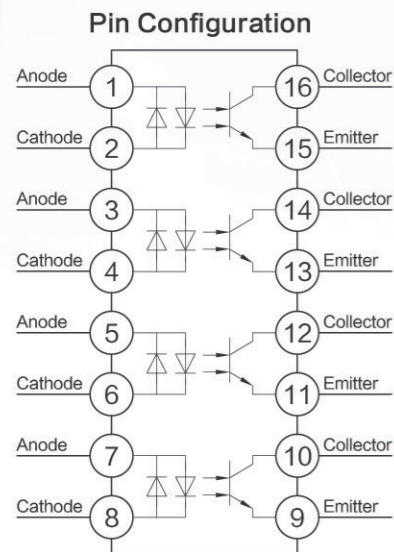
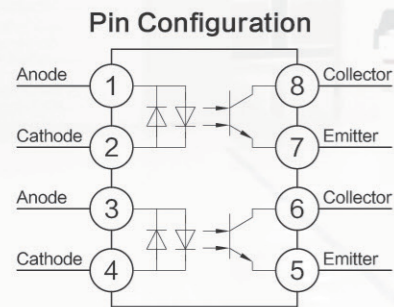
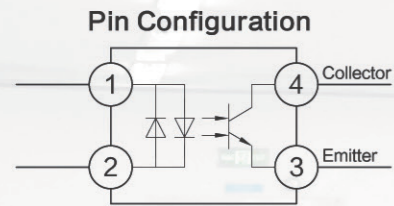
The company will be adhering to the long term servicing concept of "Our efforts to achieve the customers' prosperity". We look to establish extensive cooperation with customers all around the world with our superior products and high quality services.

TRANSISTOR PHOTOCOUPLER

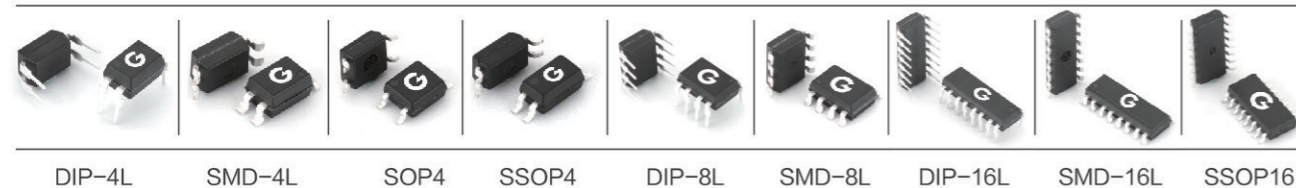
晶体管光耦



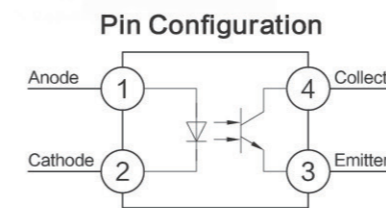
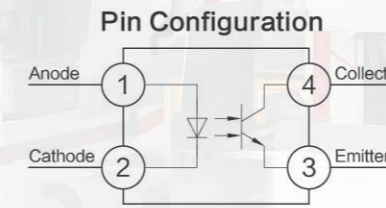
Input Type: AC >>



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-4L DIP-4L(M) SMD-4L	BL814x	A	50	150	± 1/5	80	5000
		B	100	300			
		-	20	300			
SOP4	BL354x	A	50	150	± 1/5	80	3750
		B	100	300			
		-	20	300			
SSOP4	BL3H4x	A	50	150	± 1/5	80	3750
		B	100	300			
		-	20	300			
DIP-8L DIP-8L(M) SMD-8L	BL824	-	20	300	± 1/5	80	5000
		-	20	300			
		-	20	300			
DIP-16L DIP-16L(M) SMD-16L	BL844	-	20	300	± 1/5	80	5000
		-	20	300			
		-	20	300			
SSOP16	BLQ3H4	-	20	300	± 1/5	80	3750



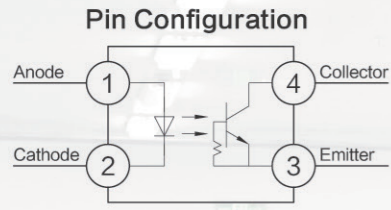
Input Type: DC >>



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)					
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)							
DIP-4L DIP-4L(M) SMD-4L	BL816x	L	50	100	5/5	80	5000					
		A	80	160								
		B	130	260								
		C	200	400								
		D	300	600								
		D1	300	450								
			200	500								
		D2	380	600								
			250	500								
			250	500								
DIP-4L DIP-4L(M) SMD-4L	BL817x	L	50	100	5/5	80	5000					
		A	80	160								
		B	130	260								
		C	200	400								
		D	300	600								
SOP4	BL357x	A	80	160	5/5	80	3750					
		B	130	260								
		C	200	400								
		D	300	600								
		E	100	200								
		F	150	300								
		-	50	600								
		SSOP4	BL3H7x	A				80	160	5/5	80	3750
				B				130	260			
				C				200	400			
D	300			600								
E	100			200								
F	150			300								
-	50			600								
LSOP-4L	BL101x	1010	50	600	5/5	80	5000					
		1017	80	160								
		1018	130	260								
		1019	200	400	10/5							
		1020	300	450								
		1012	63	125								
		1013	100	200	1/5							
		1014	160	320								
		1012	22	-								
		1013	34	-								
	1014	56	-									
DIP-4L DIP-4L(M) SMD-4L	BL851	-	50	600	5/5	350	5000					
		-	50	600								
SOP4	BL451	-	50	600	5/5	350	3750					

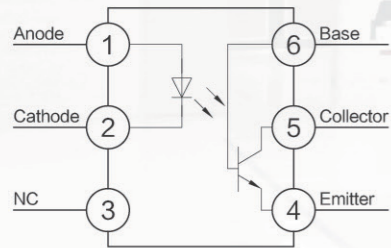


Input Type: DC >>



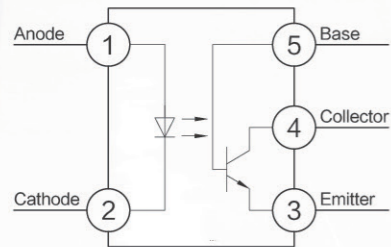
Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-4L DIP-4L(M) SMD-4L	BL2514	-	50	200	5/5	40	5000

Pin Configuration



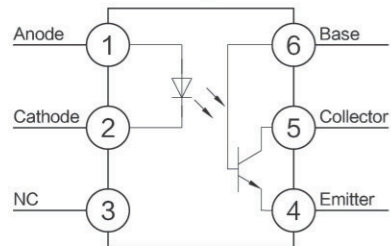
Packing	Part Number	Rank	Min(%)	Max(%)	@If(mA)/Vce(V)	Vce (V)	Viso @1min (Vrms)
	4N35	-	100	-			

Pin Configuration



Packing	Part Number	Rank	Min(%)	Max(%)	@If(mA)/Vce(V)	Vce (V)	Viso @1min (Vrms)
			50	600	5/5		
			80	160			
			130	260			
			200	400			
			300	450			
			63	125	10/5		
			100	200			
			160	320			
			22	-	1/5		
			34	-			

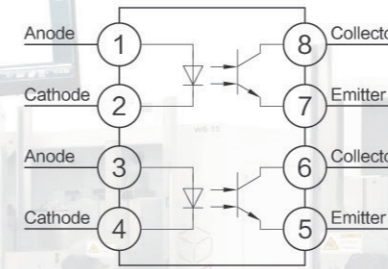
Pin Configuration



Packing	Part Number	Rank	Min(%)	Max(%)	@If(mA)/Vce(V)	Vce (V)	Viso @1min (Vrms)
			40	80	10/5		
			63	125			
			100	200			
			160	320			
			13	-	1/5		
			22	-			
			34	-			
			56	-			

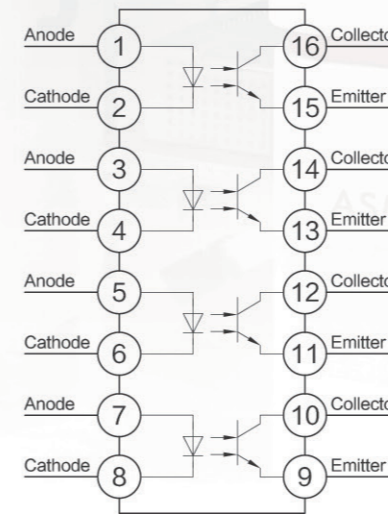
Input Type: DC >>

Pin Configuration

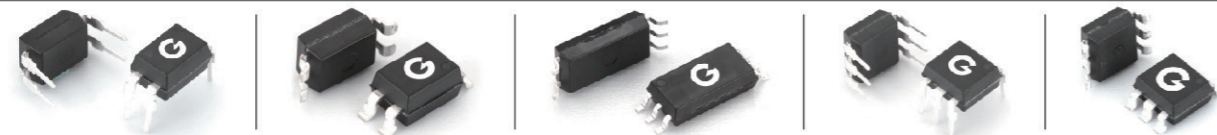


Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-8L DIP-8L(M) SMD-8L	BL827x	L	50	100	5/5	80	5000
		A	80	160			
		B	130	260			
		C	200	400			
		D	300	600			
		-	50	600			

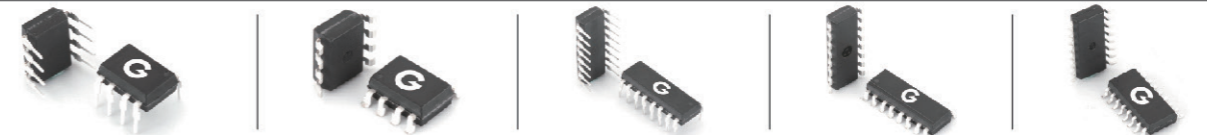
Pin Configuration



Packing	Part Number	Rank	Min(%)	Max(%)	@If(mA)/Vce(V)	Vce (V)	Viso @1min (Vrms)
		CD	200	600			
		-	50	600			
SSOP16	BLQ3H7x	-	50	600	5/5	80	3750

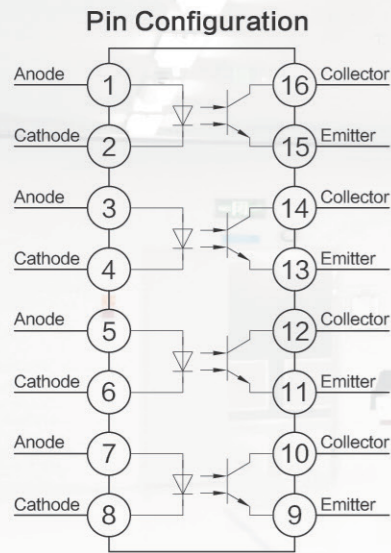


DIP-4L SMD-4L LSOP-5L DIP-6L SMD-6L



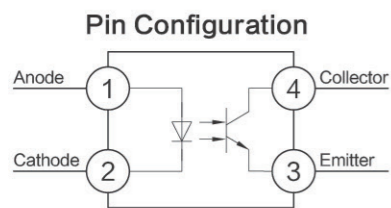
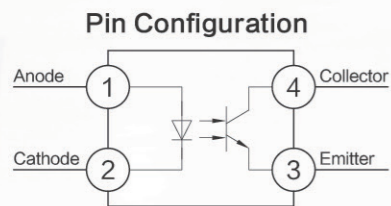
DIP-8L SMD-8L DIP-16L SMD-16L SSOP16

Input Type: DC >>

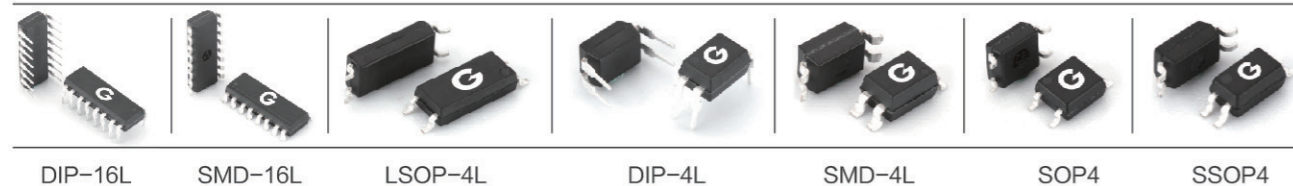


Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-16L DIP-16L(M) SMD-16L	BL851-4	-	50	600	5/5	350	5000

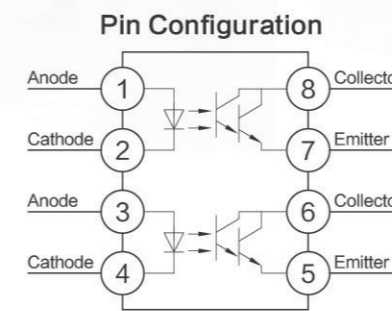
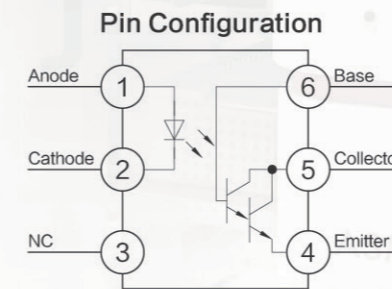
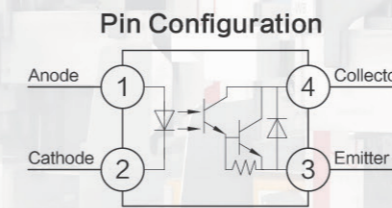
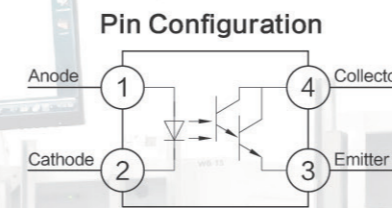
Input Type: DC,125°C >>



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
LSOP-4L	BL101xH	1010	50	600	5/5	80	5000
		1017	80	160			
		1018	130	260			
		1019	200	400			
		1020	300	450	10/5		
		1012	63	125			
		1013	100	200			
		1014	160	320	1/5		
		1012	22	-			
		1013	34	-			
1014	56	-					
DIP-4L DIP-4L(M) SMD-4L	BL8801x	A	80	160	1/5	75	5000
		B	130	260			
		C	200	400			
		-	50	400			
SOP4	BL8801x	A	80	160	1/5	75	3750
		B	130	260			
		C	200	400			
		-	50	400			
SSOP4	BL8801x	A	80	160	1/5	75	3750
		B	130	260			
		C	200	400			
		-	50	400			
LSOP-4L	BL8801x	A	80	160	1/5	75	5000
		B	130	260			
		C	200	400			
		-	50	400			



Output Type: Darlington >>

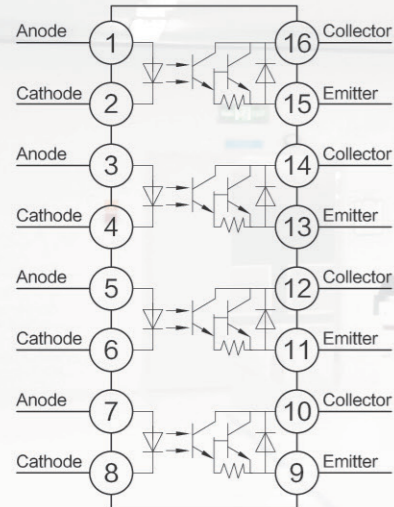


Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-4L DIP-4L(M) SMD-4L	BL815	-	600	7500	1/2	40	5000
SOP4	BL415	-	600	7500	1/2	40	3750
SSOP4	BL215	-	600	7500	1/2	40	3750
DIP-4L DIP-4L(M) SMD-4L	BL852	-	1000	-	1/2	350	5000
SOP4	BL452	-	1000	-	1/2	350	3750
DIP-6L DIP-6L(M) SMD-6L	4N29	100	-	10	10	40	5000
	4N33	500	-	10			
DIP-8L DIP-8L(M) SMD-8L	BL825	-	600	7500	1/2	40	5000



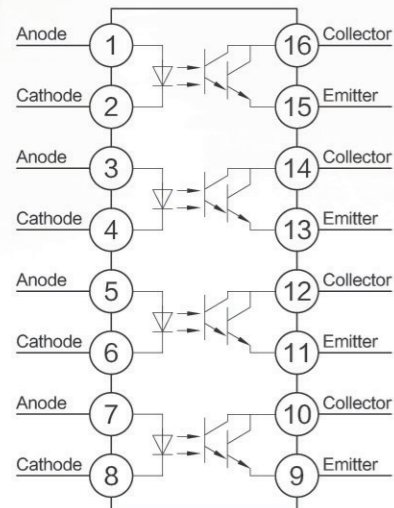
Output Type: Darlington >>

Pin Configuration



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-16L DIP-16L(M) SMD-16L	BL852-4	-	1000	-	1/2	350	5000

Pin Configuration



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-16L DIP-16L(M) SMD-16L	BL845	-	600	7500	1/2	40	5000



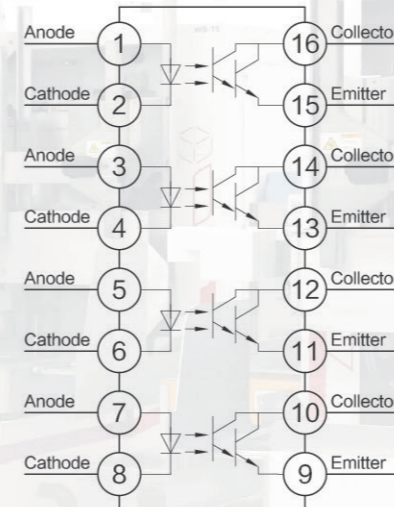
DIP-16L



SMD-16L

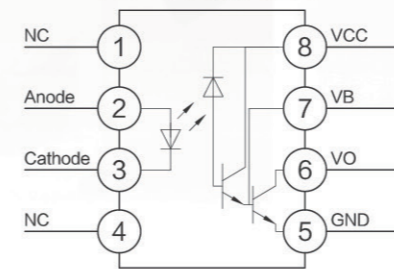
Output Type: Darlington >>

Pin Configuration



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
SSOP16	BLQ215	-	600	7500	1/2	40	3750

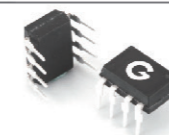
Pin Configuration



Packing	Part Number	CTR				Vce (V)	Viso @1min (Vrms)
		Rank	Min(%)	Max(%)	@If(mA)/Vce(V)		
DIP-8L DIP-8L(M) SMD-8L	BL6N138	-	400	-	0.5/4.5	40	5000
	BL6N139	-	500	-	0.5/4.5	40	5000



SSOP16



DIP-8L



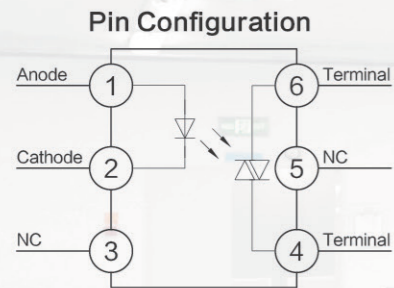
SMD-8L

PHOTO TRIAC

可控硅光耦

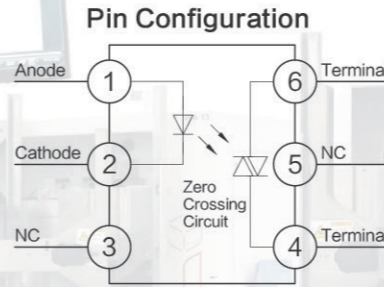


Non-Zero Crossing Type: NZC >>>

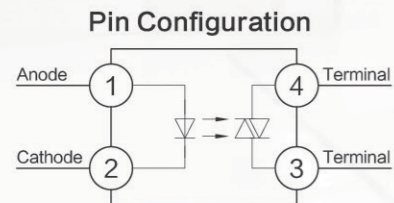


Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-6L DIP-6L(M) SMD-6L	BL301x	BL3010	15	250	100	5000
		BL3011	10	250	100	5000
		BL3012	5	250	100	5000
	BL302x	BL3020	30	400	100	5000
		BL3021	15	400	100	5000
		BL3022	10	400	100	5000
	BL305x	BL3051	15	600	100	5000
		BL3052	10	600	100	5000
		BL3053	5	600	100	5000
	BL307x	BL3071	15	800	100	5000
		BL3072	10	800	100	5000
		BL3073	5	800	100	5000

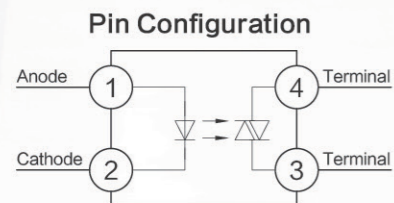
Zero Crossing Type: ZC >>>



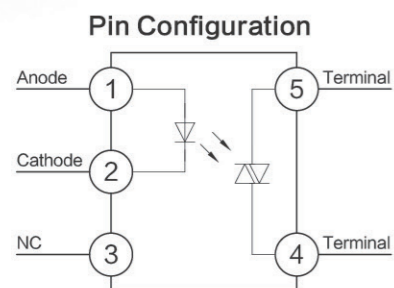
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-6L DIP-6L(M) SMD-6L	BL303x	BL3031	15	250	100	5000
		BL3032	10	250	100	5000
		BL3033	5	250	100	5000
	BL304x	BL3041	15	400	100	5000
		BL3042	10	400	100	5000
		BL3043	5	400	100	5000
	BL306x	BL3061	15	600	500	5000
		BL3062	10	600	500	5000
		BL3063	5	600	500	5000
	BL308x	BL3081	15	800	500	5000
		BL3082	10	800	500	5000
		BL3083	5	800	500	5000



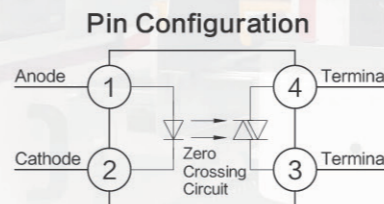
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-4L DIP-4L(M) SMD-4L	BL52x	BL520	30	400	100	5000
		BL521	15	400	100	5000
		BL522	10	400	100	5000
	BL55x	BL551	15	600	100	5000
		BL552	10	600	100	5000
		BL553	5	600	100	5000



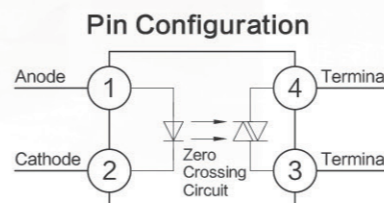
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
SOP4	BLM302x	BLM3020	30	400	100	3750
		BLM3021	15	400	100	3750
		BLM3022	10	400	100	3750
		BLM3023	5	400	100	3750
	BLM305x	BLM3051	15	600	100	3750
		BLM3052	10	600	100	3750
		BLM3053	5	600	100	3750
		BLM3054	3	600	100	3750



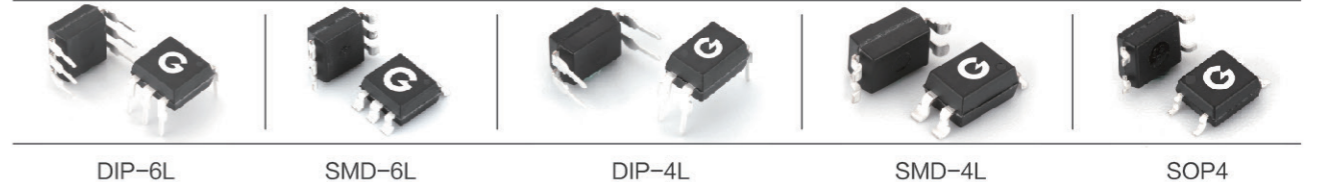
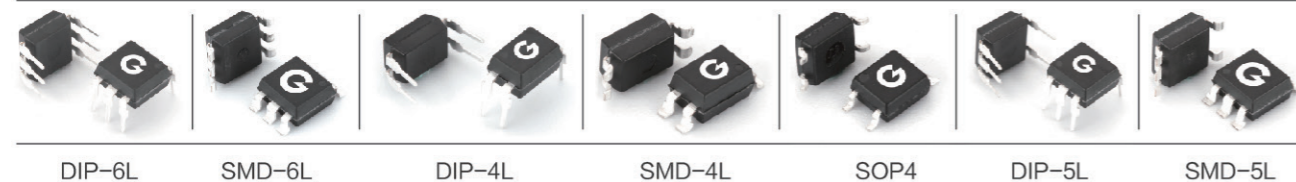
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-5L DIP-5L(M) SMD-5L	BL201x	BL2010	15	250	100	5000
		BL2011	10	250	100	5000
		BL2012	5	250	100	5000
	BL202x	BL2020	30	400	100	5000
		BL2021	15	400	100	5000
		BL2022	10	400	100	5000
	BL205x	BL2051	15	600	100	5000
		BL2052	10	600	100	5000
		BL2053	5	600	100	5000
	BL207x	BL2071	15	800	100	5000
		BL2072	10	800	100	5000
		BL2073	5	800	100	5000



Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-4L DIP-4L(M) SMD-4L	BL53x	BL531	15	250	100	5000
		BL532	10	250	100	5000
		BL533	5	250	100	5000
	BL54x	BL541	15	400	100	5000
		BL542	10	400	100	5000
		BL543	5	400	100	5000
	BL56x	BL561	15	600	500	5000
		BL562	10	600	500	5000
		BL563	5	600	500	5000
	BL58x	BL581	15	800	500	5000
		BL582	10	800	500	5000
		BL583	5	800	500	5000



Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
SOP4	BLM303x	BLM3031	15	250	100	3750
		BLM3032	10	250	100	3750
		BLM3033	5	250	100	3750
	BLM304x	BLM3041	15	400	100	3750
		BLM3042	10	400	100	3750
		BLM3043	5	400	100	3750
	BLM306x	BLM3061	15	600	500	3750
		BLM3062	10	600	500	3750
		BLM3063	5	600	500	3750
	BLM308x	BLM3081	15	800	500	3750
		BLM3082	10	800	500	3750
		BLM3083	5	800	500	3750

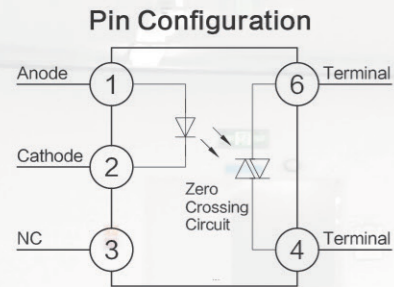


HIGH SPEED PHOTOCOUPLER

高速光耦

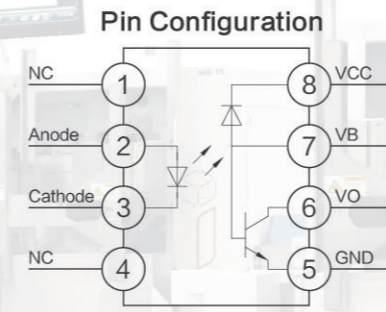


Zero Crossing Type: ZC >>>



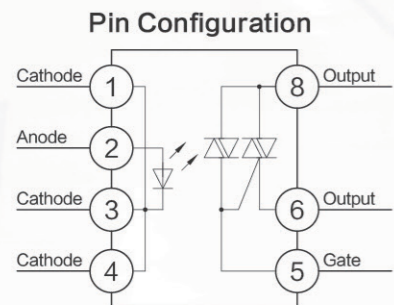
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IDRM Max (nA)	Viso @1min (Vrms)
DIP-5L DIP-5L(M) SMD-5L	BL203x	BL2031	15	250	100	5000
		BL2032	10	250	100	5000
		BL2033	5	250	100	5000
	BL204x	BL2034	3	250	100	5000
		BL2041	15	400	100	5000
		BL2042	10	400	100	5000
	BL206x	BL2043	5	400	100	5000
		BL2044	3	400	100	5000
		BL2061	15	600	500	5000
	BL208x	BL2062	10	600	500	5000
		BL2063	5	600	500	5000
		BL2064	3	600	500	5000
BL2081		15	800	500	5000	
BL2082		10	800	500	5000	
		BL2083	5	800	500	5000
		BL2084	3	800	500	5000

Data Transfer Rate (Mbps): 1 >>>



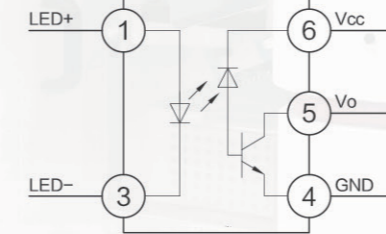
Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
DIP-8L DIP-8L(M) SMD-8L	BL6N135	7	50	30	1.5	1.5	-	5000
	BL6N136	19	50	30	0.8	0.8	-	5000

Non-Zero Crossing Type: NZC >>>



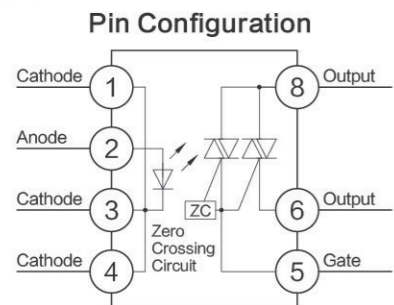
Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IT(RMS) (A)	Viso @1min (Vrms)
DIP-7L DIP-7L(M) SMD-7L	BLx213	0213	10	600	0.3	5000
		1213	10	600	0.6	5000
		2213	10	600	0.9	5000
		3213	10	600	1.2	5000

Pin Configuration



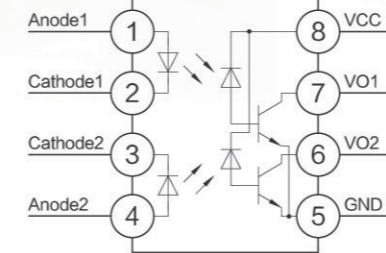
Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
SOP5	BLM501	1.5	50	30	0.8	0.8	5	3750
	BLM511	1.5	50	30	0.8	0.8	15	3750

Zero Crossing Type: ZC >>>

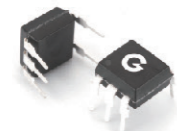


Packing	Part Number	Device Name	IFT Max (mA)	VDRM Min (V)	IT(RMS) (A)	Viso @1min (Vrms)
DIP-7L DIP-7L(M) SMD-7L	BLx223	0223	10	600	0.3	5000
		1223	10	600	0.6	5000
		2223	10	600	0.9	5000
		3223	10	600	1.2	5000

Pin Configuration



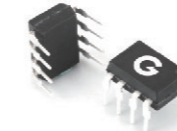
Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
DIP-8L DIP-8L(M) SMD-8L	BL2530	7	50	30	0.8	0.8	5	5000
	BL2531	19	50	30	0.8	0.8	5	5000



DIP-5L



SMD-5L



DIP-8L

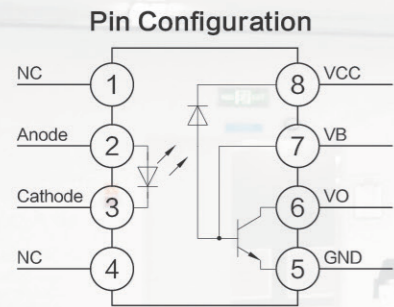


SMD-8L



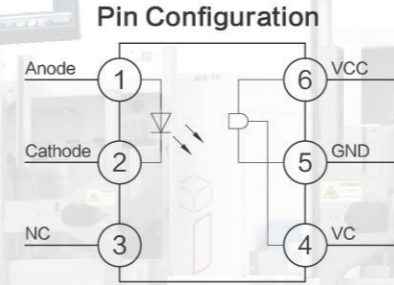
SOP5

Data Transfer Rate (Mbps): 1 >>



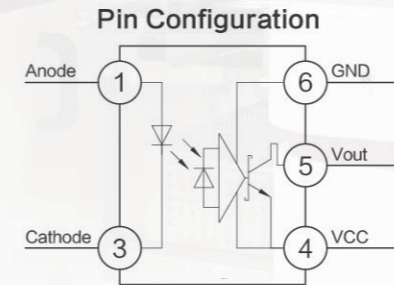
Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
SOP8	BL0500	7	50	30	0.8	0.8	-	3750
	BL0501	19	50	30	0.8	0.8	-	3750

Data Transfer Rate (Mbps): 2 >>

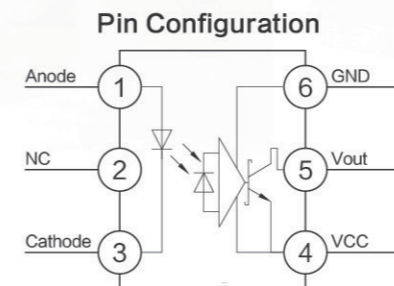


Packing	Part Number	Device Name	IFT Max (mA)	tR (μs)	tF (μs)	Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	Viso @1min (Vrms)
BLH11Lx	BLH11L2	10	4	4	16	4	4	5000	
BLH11L3	BLH11L3	5	4	4	16	4	4	5000	

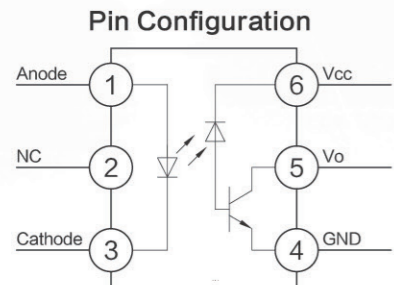
Data Transfer Rate (Mbps): 10 >>



Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
SOP5	BLM601	-	-	30	0.1	0.1	5	3750
	BLM611	-	-	30	0.1	0.1	20	3750



Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
LSOP-6L	BL60L	-	-	7	0.1	0.1	-	5000



Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
LSOP-6L	BL50L	-	50	7	0.8	0.8	-	5000



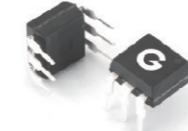
SOP8



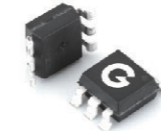
LSOP-6L



SOP5



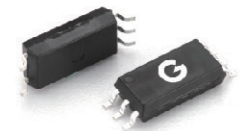
DIP-6L



SMD-6L



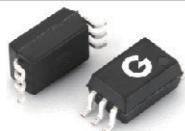
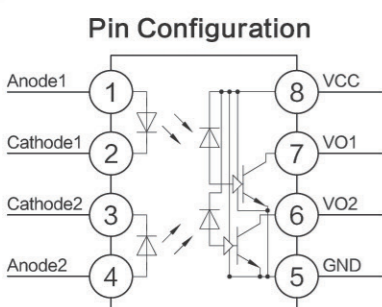
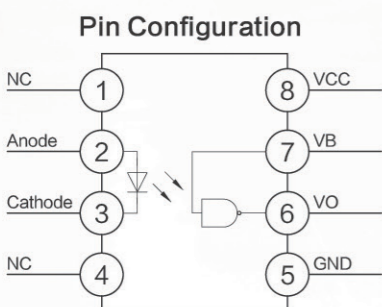
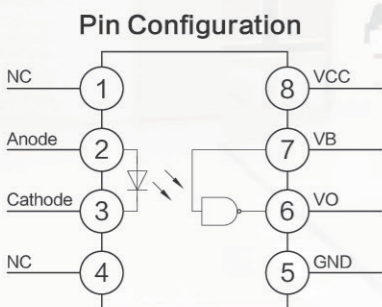
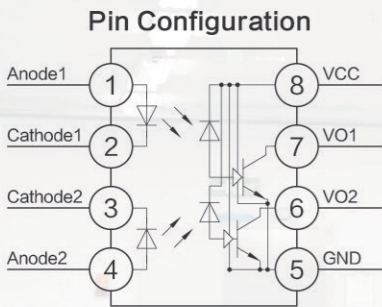
SOP5



LSOP-6L

Data Transfer Rate (Mbps): 10 >>

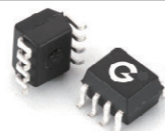
Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
DIP-8L DIP-8L(M) SMD-8L	BL2630	-	-	7	0.1	0.1	5	5000
	BL2631	-	-	7	0.1	0.1	10	5000
DIP-8L DIP-8L(M) SMD-8L	BL6N137	-	-	7	0.1	5	20	5000
	BL0601	-	-	7	0.1	0.1	5	3750
SOP8	BL0611	-	-	7	0.1	0.1	10	3750
	BL0630	-	-	7	0.1	0.1	5	3750
SOP8	BL0631	-	-	7	0.1	0.1	10	3750



DIP-8L



SMD-8L



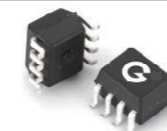
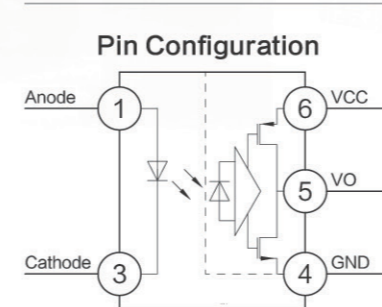
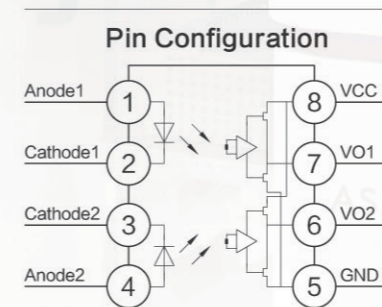
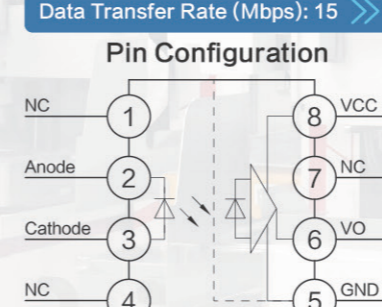
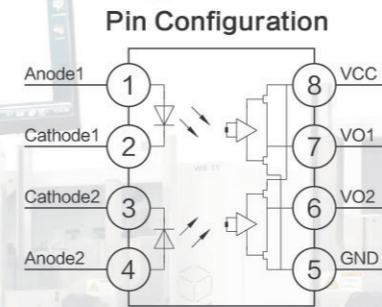
SOP8

Data Transfer Rate (Mbps): 10 >>

Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
SOP8	BL064L	-	-	6	0.1	0.1	10	3750

Data Transfer Rate (Mbps): 15 >>

Packing	Part Number	CTR		Vcc (V)	tPHL Max (μs)	tPLH Max (μs)	CMR (KV/μs)	Viso @1min (Vrms)
		Min(%)	Max(%)					
SOP8	BL071L	-	-	7	0.06	0.06	10	3750
SOP8	BL074L	-	-	6	0.06	0.06	10	3750
	BLM064L	-	-	7	0.06	0.06	10	3750



SOP8



SOP5

MOSFET OUTPUT PHOTO RELAY

☑ 光MOS继电器



INTELLIGENT POWER MODULE INTERFACE PHOTOCOUPLER

☑ IPM接口和驱动



Pin Configuration		Packing	Part Number	Device Name	VL Min (V)	IL Max (A)	Ron Max (Ω)	Ton Max (ms)	Toff Max (ms)	Viso @1min (Vrms)
		DIP-4L DIP-4L(M) SMD-4L	BLY21x	BLV212	60	0.5	2.5	4	1	5000
				BLV213	100	1.25	2.5	8	2	5000
				BLV214	400	0.12	1.5	2	1	5000
				BLV216	600	0.04	20	2	1	5000
				BLV2122	60	2	1.5	5	2	5000

Pin Configuration		Packing	Part Number	Device Name	VL Min (V)	IL Max (A)	Ron Max (Ω)	Ton Max (ms)	Toff Max (ms)	Viso @1min (Vrms)
		SOP4	BLY21XS	BLV212S	60	0.5	2	2	1	3750
				BLV213S	100	1.25	2	2	2	3750
				BLV214S	400	0.12	20	2	1	3750
				BLV216S	600	0.04	40	2	1	3750
				BLV2122S	60	2	1.5	5	2	3750

Pin Configuration		Packing	Part Number	Device Name	VL Min (V)	IL Max (A)	Ron Max (Ω)	Ton Max (ms)	Toff Max (ms)	Viso @1min (Vrms)
		DIP-6L DIP-6L(M) SMD-6L	BLV21X	BLV212	60	0.5	2.5	4	1	5000
				BLV213	100	1.25	2.5	8	2	5000
				BLV214	400	0.12	1.5	2	1	5000
				BLV216	600	0.04	500	2	1	5000
				BLV258	1500	0.02	112	5	3	5000
				BLV2122	60	2	1.5	5	5	5000
BLV252	60	3	1.5	5	1	5000				

Pin Configuration		Packing	Part Number	Device Name	VL Min (V)	IL Max (A)	Ron Max (Ω)	Ton Max (ms)	Toff Max (ms)	Viso @1min (Vrms)
		DIP-5L DIP-5L(M) SMD-5L	BLZ21X	BLZ212	60	0.5	2.5	4	1	5000
				BLZ213	100	1.25	2.5	8	2	5000
				BLZ214	400	0.12	1.5	2	1	5000
				BLZ216	600	0.04	500	2	1	5000
				BLZ258	1500	0.02	112	5	3	5000
				BLZ2122	60	2	1.5	5	5	5000
BLZ252	60	3	1.5	5	1	5000				

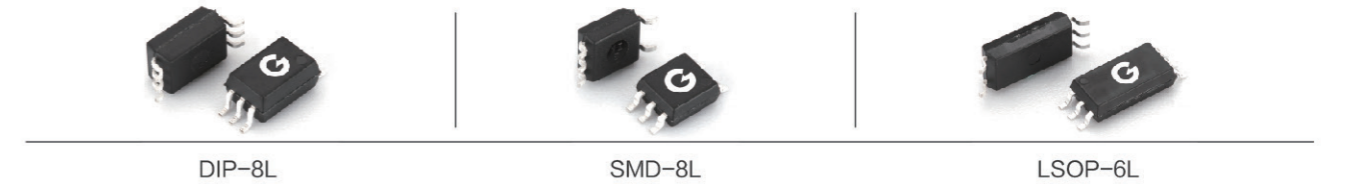
Pin Configuration		Packing	Part Number	Device Name	VL Min (V)	IL Max (A)	Ron Max (Ω)	Ton Max (ms)	Toff Max (ms)	Viso @1min (Vrms)
		DIP-8L DIP-8L(M) SMD-8L	BLW21x	BLW212	60	0.5	2.5	4	1	5000
				BLW213	100	1.25	2.5	8	2	5000
				BLW214	400	0.12	1.5	2	1	5000
				BLW216	600	0.04	20	2	1	5000
				BLW2122	60	2	1.5	5	2	5000



Pin Configuration		Packing	Part Number	IFon Min (mA)	CTR Min(%)	CTR Max(%)	IF (mA)	tPLH Max (us)	tPHL Max (us)	PDD Max (us)	CMR-V/us@Vcm (KV/μs)	Vcm (1V)	Viso @1min (Vrms)
		DIP-8L DIP-8L(M) SMD-8L	BL4506	12	26	65	12	0.5	0.4	0.45	15	1.5	5000

Pin Configuration		Packing	Part Number	IFon Min (mA)	CTR Min(%)	CTR Max(%)	IF (mA)	tPLH Max (us)	tPHL Max (us)	PDD Max (us)	CMR-V/us@Vcm (KV/μs)	Vcm (1V)	Viso @1min (Vrms)
		LSOP-6L	BLW480 BLP480	5	-	-	-	0.35	0.35	0.25	20	1	5000

Pin Configuration		Packing	Part Number	IFon Min (mA)	CTR Min(%)	CTR Max(%)	IF (mA)	tPLH Max (us)	tPHL Max (us)	PDD Max (us)	CMR-V/us@Vcm (KV/μs)	Vcm (1V)	Viso @1min (Vrms)
		LSOP-6L	BLW481 BLP481	5	-	-	-	0.35	0.35	0.25	20	1	5000

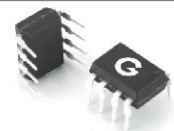


GATE DRIVER PHOTOCOUPLER

栅极驱动光耦



Packing	Part Number	Output Peak Current Max (A)	Output		Vcc (V)	tPHL Max (ns)	tPLH Max (ns)	CMR (KV/μs)	Viso @1min (Vrms)
			tR(ns)	tF(ns)					
	BL3120	2.5	60	60	30	400	400	35	5000
	BL3150	0.6	60	60	30	400	400	35000	5000
	BL350	2.5	60	60	30	400	400	35000	5000



DIP-8L



SMD-8L

Packing	Part Number	Output Peak Current Max (A)	Output		Vcc (V)	tPHL Max (ns)	tPLH Max (ns)	CMR (KV/μs)	Viso @1min (Vrms)
			tR(ns)	tF(ns)					
	BLW343 BLP343	4	43	43	30	200	200	35	5000
	BLW341 BLP341	3	50	50	30	200	200	35	5000
	BLW314 BLP314	0.6	60	60	30	700	700	25	5000
	BL152	2.5	60	60	30	600	600	35	3750
	BL155	1	60	60	30	600	600	35	3750



LSOP-6L



SOP5

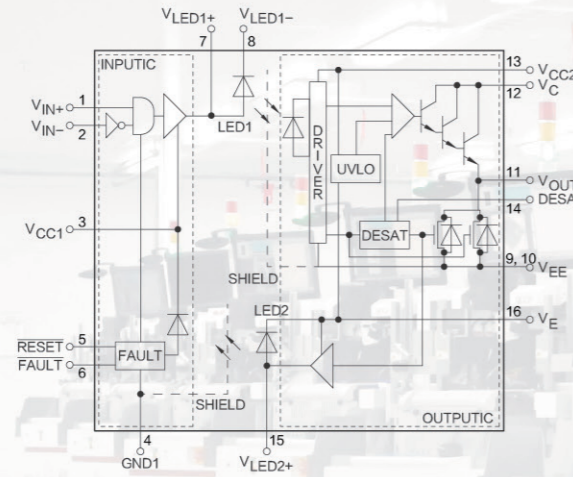
SMART GATE DRIVER PHOTOCOUPLER

智能栅极驱动光耦

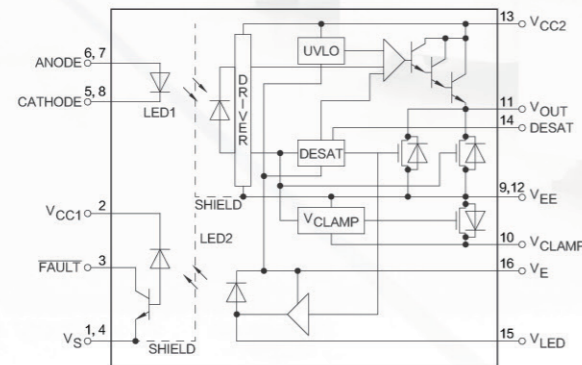


ISOLATED OP AMP PHOTOCOUPLER

隔离运放光耦



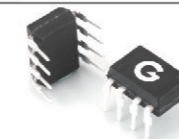
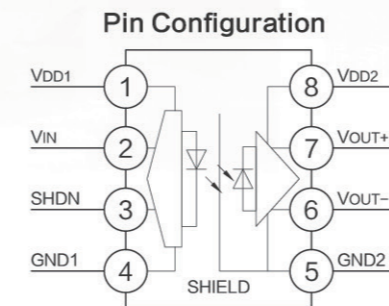
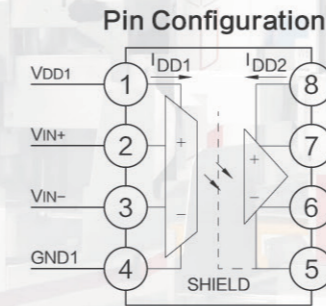
Packing	Part Number	Output Peak Current Max (A)	IFLH Max (mA)	Vcc (V)	tPHL Max (ns)	tPLH Max (ns)	CMR (V/μs)	Viso @1min (Vrms)
SOP16	BL316J	2.5	-	30	500	500	15000	5000



Packing	Part Number	Output Peak Current Max (A)	IFLH Max (mA)	Vcc (V)	tPHL Max (ns)	tPLH Max (ns)	CMR (V/μs)	Viso @1min (Vrms)
SOP16	BL330J	1.5	8	30	250	250	15000	5000
	BL331J	1.5						
	BL332J	2.5						
	BL333J	2.5						



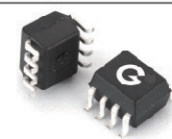
SOP16



DIP-8L



SMD-8L



WSOP8

Packing	Part Number	Gain Error at 25°C %Max	Nonlinearity %Typ	Bandwidth kHz Typ	VDD2 (V)	CMR-V _{μs} @V _{cm}		Viso @1min (Vrms)
						CMR Min(KV/μs)	V _{cm} (V)	
DIP-8	BL7840	±5	0.0037	100	4.5-5.5	15	1000	5000
WSOP8	BLC790	±3	0.05	200	3-5.5	15	1000	5000
WSOP8	BLC79A	±1	0.05	200	3-5.5	15	1000	5000
WSOP8	BLC79B	±0.5	0.05	200	3-5.5	15	1000	5000
WSOP8	BLC87AT	±1	0.3	100	4.5-5.5	10	1000	5000
WSOP8	BLC87BT	±0.5	0.3	100	4.5-5.5	10	1000	5000