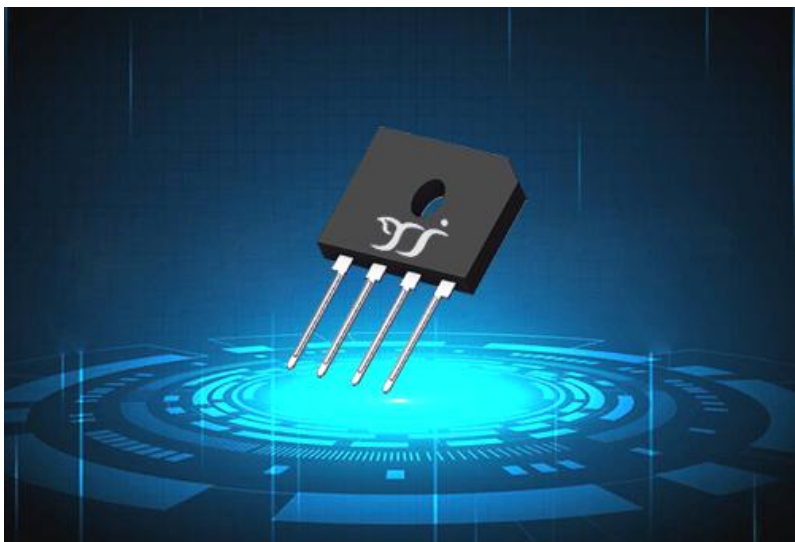


整流桥设计优化新封装GBU-L



产品介绍

扬杰科技近日推出了一款GBU-L设计优化新封装，对比原封装GBU，优化内部结构设计，铜框架减薄创新，达到设计降本要求，但产品系性能(常规电性、高温性能、散热能力)与原先产品对比，无明显差异；广泛用于家电、照明、适配器电源、二轮电动车充电器等市场。

新品发布

- 1、产品系列覆盖 4A~15A, 50-1000V;
- 2、采用创新式的减薄框架设计，减少铜材耗用，降低成本;
- 3、内部结构重新设计优化，芯片排布更加科学，结构应力较小;
- 4、常规电性、高温性能、散热能力对比原先产品无明显差异;

Product Name	V _{RM} (V)	I _o (A)	I _{FSM} (A)	Rated I _o (A)	VF(V)	IR@25°C (uA)	T _j (°C)	Package
GBU4A-GBU4M	50-1000	4	135	2	1.0	5	-55~+150	GBU-L
GBU4AA-GBU4MA	50-1000	4	150	2	1.0	5	-55~+150	GBU-L
GBU6A-GBU6M	50-1000	6	150	3	1.0	5	-55~+150	GBU-L
GBU6AA-GBU6MA	50-1000	6	175	3	1.0	5	-55~+150	GBU-L
GBU8A-GBU8M	50-1000	8	175	4	1.0	5	-55~+150	GBU-L
GBU8AA-GBU8MA	50-1000	8	200	4	1.0	5	-55~+150	GBU-L
GBU10A-GBU10M	50-1000	10	175	5	1.0	5	-55~+150	GBU-L
GBU10AA-GBU10MA	50-1000	10	200	5	1.0	5	-55~+150	GBU-L
GBU15A-GBU15M	50-1000	15	200	7.5	1.0	5	-55~+150	GBU-L

产品规格书详见官网



家电



LED驱动电源



适配器电源

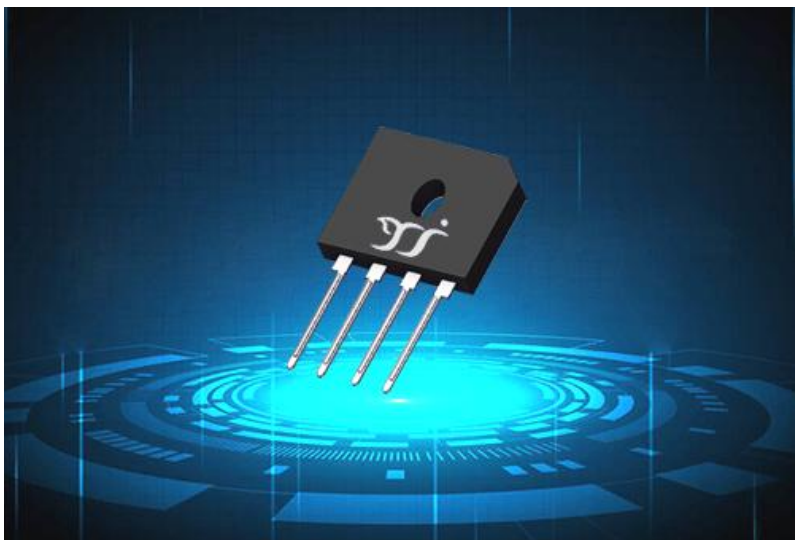


电动车充电器

NEW
PRODUCT

Optimization Design of Rectifier Bridge — New Package GBU-L

Product
Features



Product Introduction

YangJie Technology recently launched a new package GBU-L, compared with the original package GBU, it optimizes the internal structure design, copper frame thinning innovation, in order to achieve the design cost reduction requirements. However, the performance of the product (conventional electrical property, high temperature performance, heat dissipation capacity) is not significantly different from the original product.

Products are widely used in home appliances, lighting, adapter power supply, two-wheeled electric vehicle charger and other markets.

New Product Announcement

1. The product series covers 4A~15A, 50-1000V;
2. The use of innovative thin frame design, reduce copper consumption, reduce costs;
3. The internal structure is redesigned and optimized, the chip layout is more scientific, and the structural stress is less;
4. Its conventional electrical properties, high temperature performance and heat dissipation capacity compared with the original product has no obvious difference;

Product Name	V_{RM} (V)	I_o (A)	I_{FSM} (A)	Rated I_o (A)	V_F (V)	$IR@25^{\circ}C$ (uA)	T_j (°C)	Package
GBU4A-GBU4M	50-1000	4	135	2	1.0	5	-55 ~ +150	GBU-L
GBU4AA-GBU4MA	50-1000	4	150	2	1.0	5	-55 ~ +150	GBU-L
GBU6A-GBU6M	50-1000	6	150	3	1.0	5	-55 ~ +150	GBU-L
GBU6AA-GBU6MA	50-1000	6	175	3	1.0	5	-55 ~ +150	GBU-L
GBU8A-GBU8M	50-1000	8	175	4	1.0	5	-55 ~ +150	GBU-L
GBU8AA-GBU8MA	50-1000	8	200	4	1.0	5	-55 ~ +150	GBU-L
GBU10A-GBU10M	50-1000	10	175	5	1.0	5	-55 ~ +150	GBU-L
GBU10AA-GBU10MA	50-1000	10	200	5	1.0	5	-55 ~ +150	GBU-L
GBU15A-GBU15M	50-1000	15	200	7.5	1.0	5	-55 ~ +150	GBU-L

Please refer to the official website for more details



Home Appliance



LED Power Supply



Adapter
Power Supply



Two-wheeled Electric
Vehicle Charger

Typical
Applica-
-tions