

YBS2G Gullwing Patch Rectifier Bridge

Product Introduction

- 1、YBS2G package adopts Gullwing foot, plus the inner cut design at the end of the pin to enhance the ability to climb tin, the external size is slightly adjusted, and the current can cover the 2A-6A series products;
- 2、Internal package Photo Glass process chip, three layers of passivation protection, stable high temperature characteristics and reliability;
- 3、The internal frame structure of the product is optimized, which can place a larger chip size, and the pin width is widened to further improve the flow capacity, and it has strong surge capacity and heat dissipation performance.



YBS2G Package

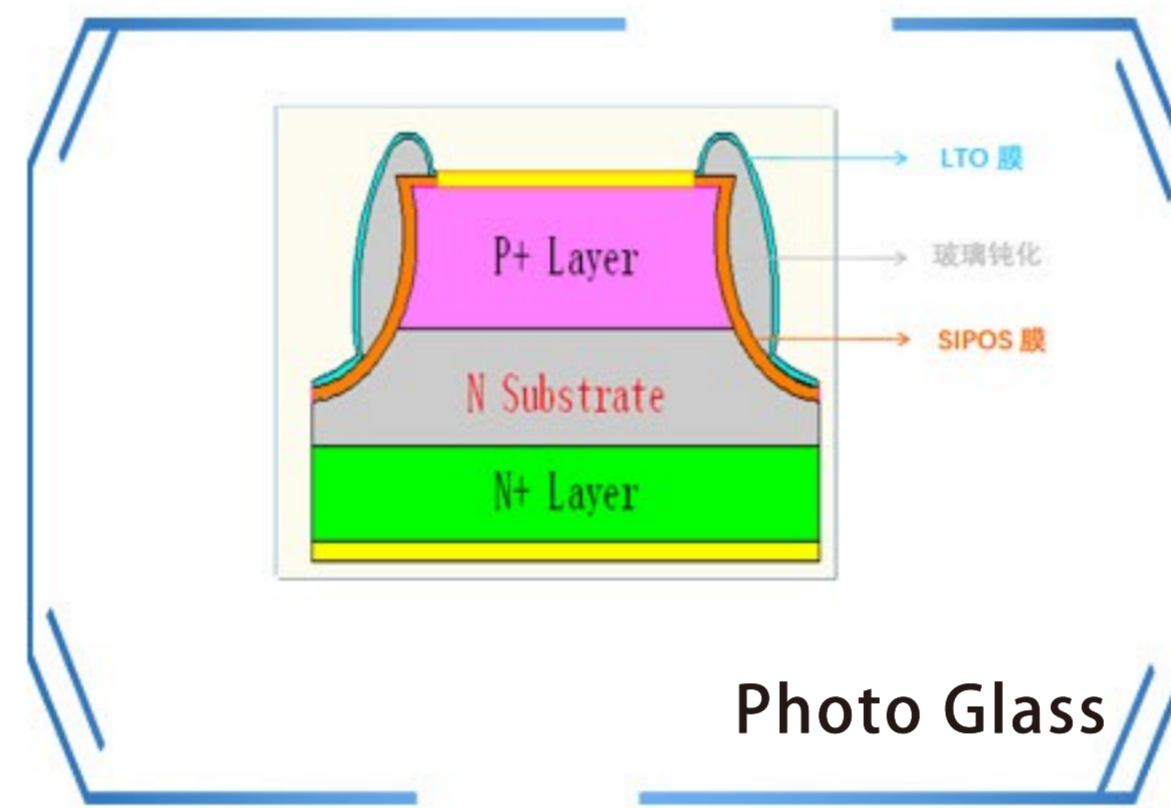
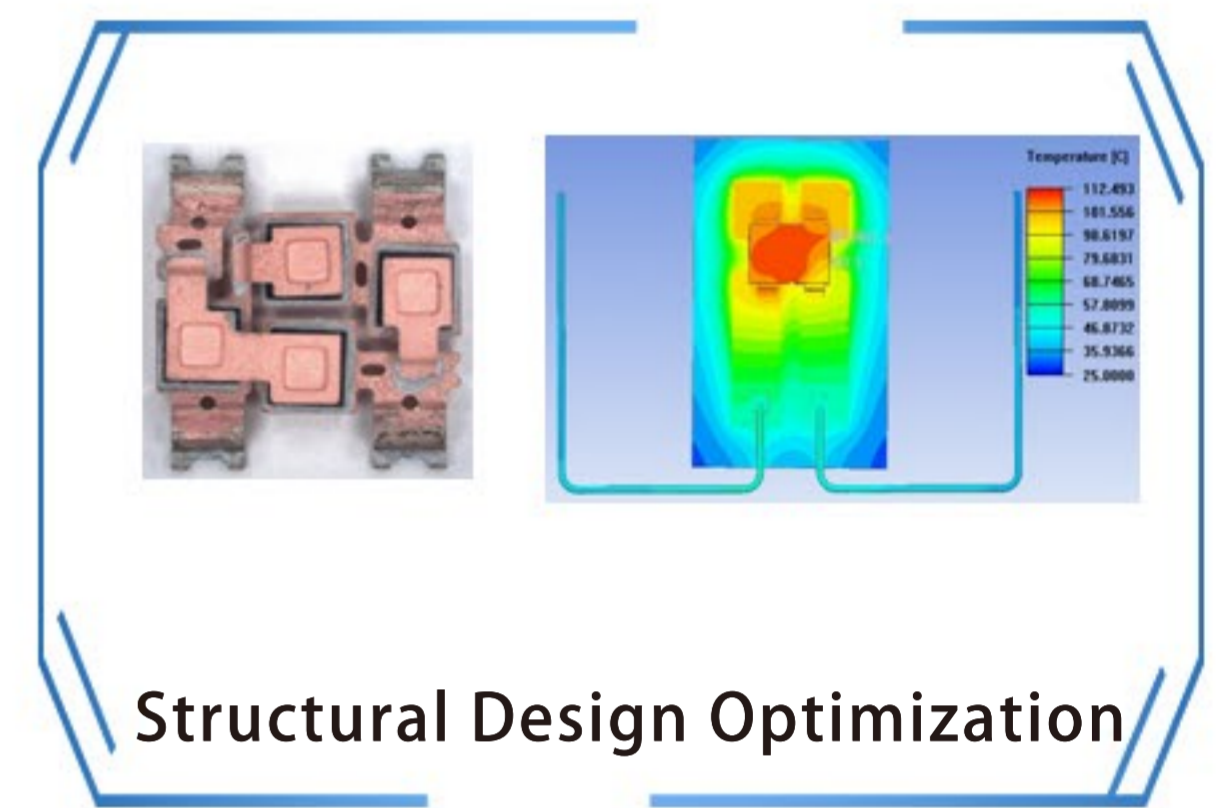


Photo Glass



Structural Design Optimization

Electrical Parameters

Product Name	V_{RRM} (V)	I_o (A)	I_{FSM} (A)	Rated I_o (A)	VF (V)	IR(μ A)@25°C	IR(μ A)@125°C	T_j (°C)
YBSA20005-YBSA2010	50-1000	2	80	1.0	1.0	5	100	-55 ~ +150
YBSA30005-YBSA3010	50-1000	3	110	1.5	1.0	5	100	-55 ~ +150
YBSA40005-YBSA4010	50-1000	4	120	2.0	1.0	5	100	-55 ~ +150
YBSA60005-YBSA6010	50-1000	6	150	3.0	1.0	5	100	-55 ~ +150
YBSAU3006	600	3	100	1.5	0.86	1	50	-55 ~ +150
YBSAU3008	800	3	100	1.5	0.88	1	50	-55 ~ +150

Please Refer To The Official Website For More Details

Application

Our YBS flat foot products are normally used in the power supply market for 45W Charge and below (batch shipment models are: YBS2010, YBS3010, YBS3010A, RYBS3010, RYBS3010A, etc.), power supplies exceeding 45W specifications generally use 2pcs YBS or 1pcs YBS3 (batch shipment models are: YBSM4010, YBSM6010, YBSM8010, RYBSM4010, RYBSM6010, RYBSM8010, etc.). The size difference between YBS and YBS3 packages leads to differences in the size design of customer pads and cannot be used universally. Therefore, the end customer proposed the development of YBS2G gullwing foot package to replace YBS flat foot products, improve the tin climbing problem, and can improve the flow capacity, which can be applied to 45W-90W and other higher power models. Its package covers 2A-6A series specification products, to meet the TV/display, charger, adapter, fast charge and other terminal applications. Under the condition of appropriately increasing the overall size of the body, a larger current stop series product coverage can be achieved.



TV/Monitor



Charger



Adapter



Fast Charger