

New Bridge Rectifiers Maximum Current Rating Capability in the World M4 & GBL-2 & GBU-2 & KBJ-2 Series



▶ PANJIT Bridge Rectifier Advantages

PANJIT products do not only meet all the requirements in the industry, but they exceed standards. Among all the bridge rectifiers with the equivalent packaging quality and measurements in the industry, our series provide the highest forward current (I_E)! What our competitors do well, we do it better!

Design Upgrade

- Glass passivated chip junction
- Lead-free in compliance with EU RoHS 2.0
- Lead frame designed to maximize die pad and **IFSM** capability of the same packaging size.
- Halogen-free according to IEC 61249 standard
- Matte tin plating

Exceed Industry Standards

- Solder paste printing instead of dispensing during die-bonding process to improve soldering stability and lower void rate to under 15%
- SMD gull-wing packaging
- Upgraded die pad

Automated Leader in **Smart**

Differentiation **Manufacturing**

Premium Quality

Automated **Manufacturing Process**

- **Automatic laser die cutting** technology
- Pick-and-place automation for die attach to increase accuracy and prevent dies shifts, micro-cracks and chipping.
- Automated testing barcode system for PAT spec review

Exceptional Quality

- **UL certification** file number E526209
- Wafer produced with SIPOS/PG/LTO technology to optimize HTRB capability.

▶ Target Applications

- Computing Power / Desktop Power
- Game Console Power
- Server Power
- Air Conditioner Power Board
- QC/ USB PD

- High Power/High Efficiency Power
- **Home Appliances Power Board**
- Rice/IH/Microwave Cooker

> Featured Products

★ With PANJIT bridge rectifiers, you get the maximum forward current rating within the same packaging measurement range!

Series	V _B	I _F	I _{FSM}	V _F Max.	M4
Standard Type	1000	2	70	1.05	PMS210
		3	110	1.05	PMS310
		4	120	1.05	PMS410 ★
					_

Series	V _B	I _F	I _{FSM}	V _F Max.	
	V	Α	Α	V	GBL-2
Standard Type	1000	4	150	1.05	GBL410
		6	160	1.05	GBL610
		8	200	1.05	GBL810 ★

Series	V _B	I _F	I _{FSM}	V _F Max.	
	V	Α	Α	V	GBU-2
Standard Type	800	10	240	0.94	GBU1008LV
	1000	4	160	1.05	GBU410
		6	175	1.05	GBU610
		8	220	1.05	GBU810
		10	240	1.05	GBU1010
		15	200	1.05	GBU1510
		25	350	1.05	GBU2510
		35	400	1.1	GBU3510★

Series	V _B	l _F	I _{FSM}	V _F Max.	
	V	Α	Α	V	KBJ-2
Standard Type	1000	4	135	1.05	KBJ410
		6	170	1.05	KBJ610
		10	170	1.05	KBJ1010
		15	180	1.05	KBJ1510
		20	200	1.05	KBJ2010
		25	240	1.05	KBJ2510
		35	350	1.05	KBJ3510 ★