


650V SiC SBD Sample Kit for PFC circuit

Voltage	650 V	Package	TO-220AC 
If	4A – 20A		
Vf (Typ.)	1.5V		

Outlook
(Size: 28.5 x 24.7 x 3.8 cm)

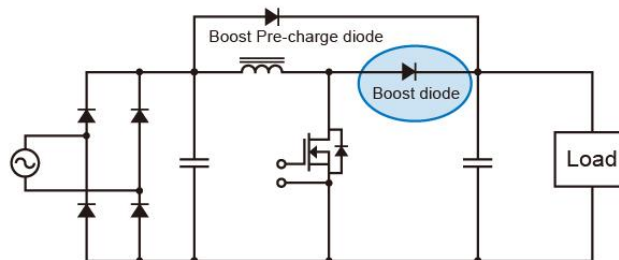


Device Feature

- Temperature independent switching behavior
- High surge current capability
- Positive temperature coefficient on VF
- Low conduction loss
- Zero reverse recovery
- High junction temperature 175 °C
- Lead free in compliance with EU RoHS 2.0
- Green molding compound as per IEC 61249 standard

Target Application

- Boost PFC Circuit



Sample List

Part Number	BV (V)	I _F (A)	V _F Typ. (V)	C _J (pF)	I _{FSM} (A)	Package	Quantity
PCDP0465G1	650	4	1.5	6	20	TO-220AC	5pcs
PCDP0665G1	650	6	1.5	13	28	TO-220AC	5pcs
PCDP0865G1	650	8	1.5	19	32	TO-220AC	5pcs
PCDP1065G1	650	10	1.5	27	44	TO-220AC	5pcs
PCDP1265G1	650	12	1.5	34	52	TO-220AC	3pcs
PCDP2065G1	650	20	1.5	63	88	TO-220AC	3pcs

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