
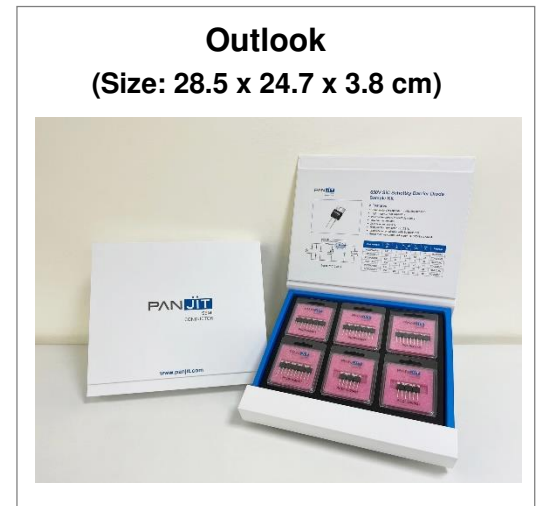


**650V SiC SBD Sample Kit for PFC circuit**

<b>Voltage</b>	<b>650 V</b>
<b>If</b>	<b>4A – 20A</b>
<b>Vf (Typ.)</b>	<b>1.5V</b>

**Package**

**TO-220AC**

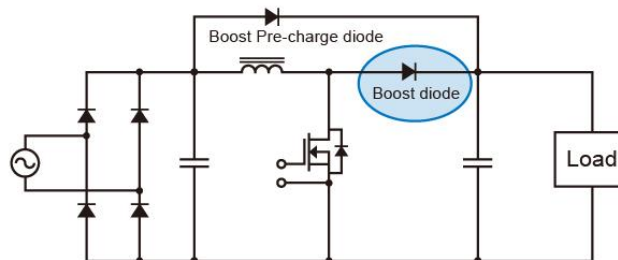



**Device Feature**

- 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 <sub>F</sub> (A)	V <sub>F</sub> Typ. (V)	C <sub>J</sub> (pF)	I <sub>FSM</sub> (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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