



CGR100N120F2KAD

V_{CE}	I_C ($T_C=100^{\circ}C$)	$V_{CE(sat)}$
1200V	100A	1.55V

TO-247PLUS



DESCRIPTION

The CGR100N120F2KAD is used JSCJ's second generation IGBT technology, has advanced Trench and FS (Field Stop) Structure, it's with very low Collector-Emitter Saturation Voltage, can easy to use in parallel.

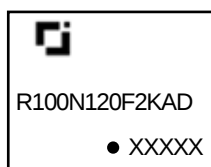
Features

- 1200V breakdown Voltage
- Low $V_{ce(sat)}$ and positive temperature coefficient
- Low switching loss
- With fast and soft recovery freewheeling diode
- Good EMI behavior

Application

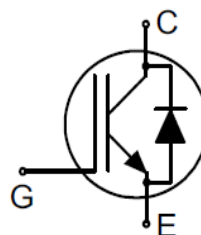
- Solar
- UPS & FPC applications
- Welding machine
- Power storage

MARKING



R100N120F2KAD = Device code
Solid dot = Green molding compound device, if none, the normal device
XXXX = Code

EQUIVALENT CIRCUIT



Order Code	Package	Marking	Parking
CGR100N120F2KAD	TO-247PLUS	R100N120F2KAD	Tube



JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO., LTD.

IGBT Discrets & Modules

感谢您的支持，如需要完整规格书，请联系：<igbt.list@jscj-elec.com>，谢谢！

Thank you for your support. If you need a complete **datasheet**, please contact:

<igbt.list@jscj-elec.com>. Thank you!