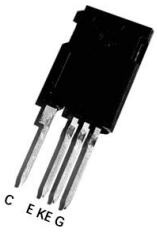
CGRQ160N65F3SAD

V_{CE}	Ic (Tc=100℃)	$V_{CE(sat)}$
650V	160A	1.45

TO-247PLUS-4L



DESCRIPTION

The CGRQ160N65F3SAD is used SZCJ 's third 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.

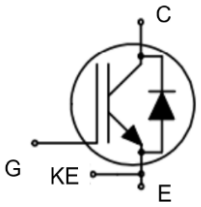
Features

- 650V breakdown Voltage
- Low Vce(sat) and positive temperature coefficient
- Low switching loss
- With fast and soft recovery freewheeling diode
- Good EMI behavior

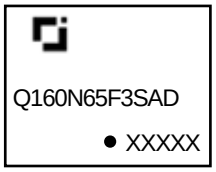
Application

- APF /SVG
- Power storage
- Welding machine
- UPS
- Inverter
- Solar

EQUIVALENT CIRCUIT



MARKING



Q160N65F3SAD = Device code
Solid dot = Green molding compound device, if none, the normal device
XXXX = Code

Order Code	Package	Marking	Parking
CGRQ160N65F3SAD	TO-247PLUS-4L	Q160N65F3SAD	Tube

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

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

<igbt.list@szcjsemi.com >. Thank you!