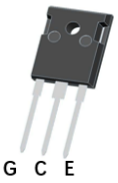
AD-CGWT40N65F2KAD

V_{CE}	Ic (Tc=100℃)	$V_{CE(sat)}$
650V	40A	1.7V

TO-247



DESCRIPTION

The AD-CGWT40N65F2KAD is used SZCJ 's second generation IGBT technology, has advanced Trench and FS(Field Stop) Structure，it's with high application frequent, low Collector-Emitter Saturation Voltage and switching loss, can easy to use in parallel.

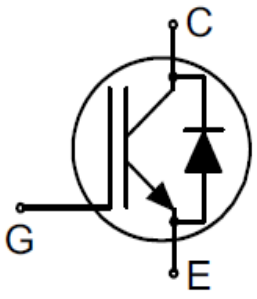
Features

- 650V breakdown Voltage
- Low Vce(sat) and positive temperature coefficient
- High speed switching，Low switching loss
- With fast and soft recovery freewheeling diode
- Good EMI behavior
- Qualified to AEC Q-101

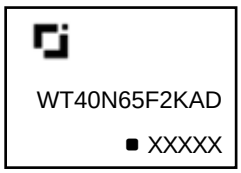
Application

- UPS & FPC applications
- Solar Inverter
- EV Charger
- Power Storage
- Welder

EQUIVALENT CIRCUIT



MARKING



WT40N65F2KAD= Device code
Solid dot = Green molding compound device, if none, the normal device
XXXXX = Code

Order Code	Package	Marking	Parking
AD-CGWT40N65F2KAD	TO-247	WT40N65F2KAD	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!