

## IGBT Micro Trench Discrete for PV/Eenergy Storage/ EV Charger Application

### Product Introduction

- 1、 TO-247package 50A 650V IGBT discrete;
- 2、 The voltage level is 650V, the current level is 50A@Tc=100°C;
- 3、 It is mainly used for PV/Eenergy Storage/ EV charger and other high-frequency applications;
- 4、 Low conduction loss, low switching loss, high reliability;
- 5、 Use environmentally friendly materials and meet RoHS standards;



### Product Features

- 1、 Tjmax=175°C;
- 2、 Positive temperature coefficient ;
- 3、 High voltage 650V;
- 4、 Low conduction loss, low switching loss, meet the high frequency application conditions;
- 5、 The latest generation of micro trench design, a cost-effective product;

### Electrical Parameters

Part NO.	Specification	Package	Structure
DGW50N65CTL0	50A/650V	To-247	Discrete

Please Refer To The Official Website For More Details

### Application



PV



Energy Storage



EV Charger