Which MOSFET PN Could Handle Most Overload and Short Circuit?

PN GT52N10D5, by GOFORD SEMICONDUCTOR, is one of the 100V N-CH MOSFETS series. It has excellent Qg x RDS(ON) (FOM), and it is made by advanced SGT technology. It has the advantages of high reliability, faster switching, smaller Qg and high power efficiency. It is ideally suited in high frequency circuit, like synchronous rectification. It not only raises the overall efficiency, lower the product's tempreture, but also has big improvement on the overall reliability.

The PN GT52N10D5 provides superb low RDS(ON) as 6.5mΩ @10V. Its applications include the battery protection, reverse polarity protection, load switching, motor control and low-voltage drive.

The PN GT52N10D5 shows its outstanding performance in the high uniformity of Vth , outstanding EAS and the heat dissipation, which ensure to handle most overload and short circuit.

The PN GT52N10D5 chips has bee made in many other packages to meet different designs, including SOP-8 、 TO-220、 DPAK、 DFN5*6 、D2PAK and so on.

And there is one more supplementary GOFORD PN GT095N10. The main specification is: NMOS 100V SGT, VTH Typ ： 1.7&3.0V 、 RDS(ON) 6~8 mR@10V, in various packages as well.

Cross parts to: SIR846BDP-T1-RE3, BSC070N10NS5, ISC080N10NM6

The datasheet link of GT52N10D5:

http://www.gofordsemi.com/products-detail.php?ProId=330

The datasheet link of GT095N10D5:

http://www.gofordsemi.com/products-detail.php?ProId=580