

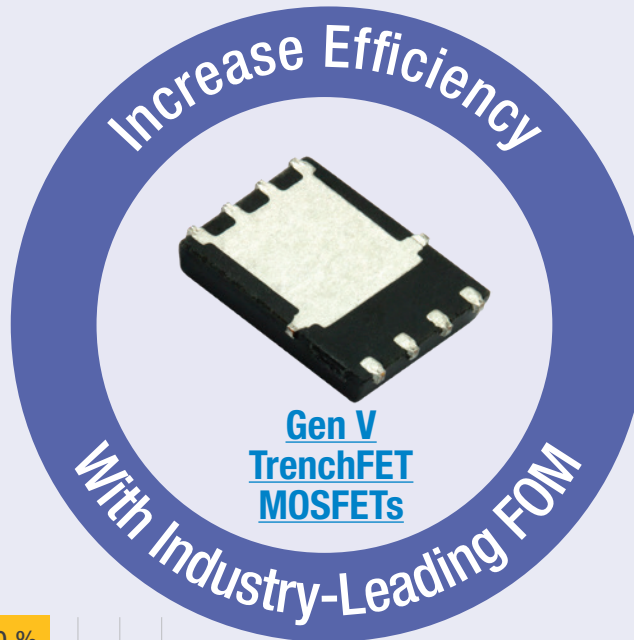


# Gen V TrenchFET<sup>®</sup> MOSFETs in PowerPAK<sup>®</sup> SO-8

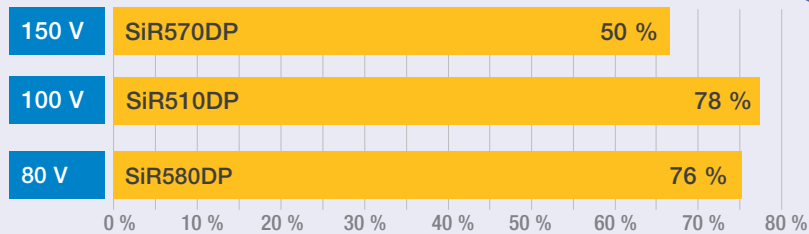
## 80 V, 100 V, and 150 V With Industry-Leading $R_{DS} \times Q_g$ FOM

### KEY FEATURES

- Industry-leading on-resistance times gate-drain charge FOM
- Save energy by increasing the efficiency of power conversion topologies and switching circuitry
- Compared to the closest competing products on the market, they represent improvements of up to 78 %

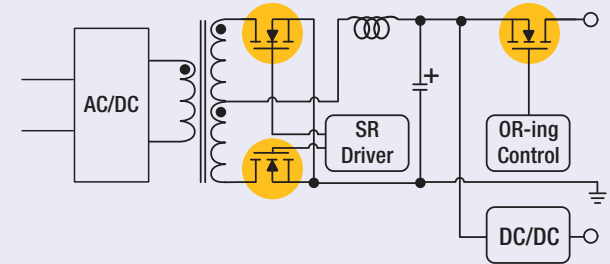


### MARKET COMPARISON



Compared to the nearest competitors, TrenchFET<sup>®</sup> Gen V MOSFETs offer FOM improvements of 50 % to 78 % for more efficient power conversion

### DC/DC CONVERTER BLOCK DIAGRAM

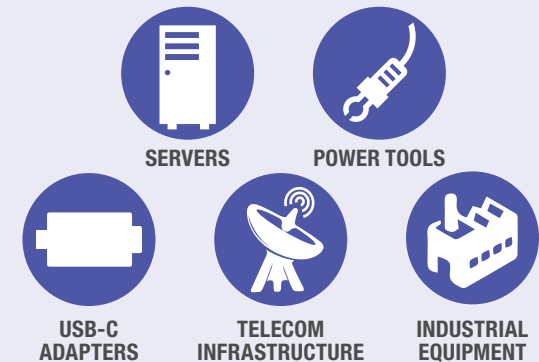


The secondary side of power converters for servers and telecom infrastructure is a key application space for these Vishay Siliconix Gen V MOSFETs

### APPLICATIONS

- Input inrush switch
- OR-ing
- Primary side switching
- Synchronous rectification
- Hot swap switching
- Motor drive control

### END PRODUCTS



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