

TK110N65Z, TK110Z65Z, TK110A65Z, TK125V65Z, TK155A65Z, TK170V65Z, TK190A65Z, TK210V65Z

Expanded super junction N-Channel MOSFET series with addition of new 650V devices

Enhanced FoM capabilities help to significantly boost power supply efficiency levels



Features

- Very low Q_{gd}
- Best in class FOM: $R(on) * Q_{gd}$ product
- Also packages with Kelvin source pin

Advantages

- Combination of lower conduction + switching losses
- Higher efficiency switching allows lower heat generation and smaller form factor

Benefits

- Lowest losses of DTMOS Series
- Efficiency increase at power supplies
- Smaller form factor can, help to reduce costs