



MOSFETs FOR INDUSTRIAL APPLICATIONS

LOW VOLTAGE MOSFETs IN TRANSISTOR OUTLINE (TO-) PACKAGES

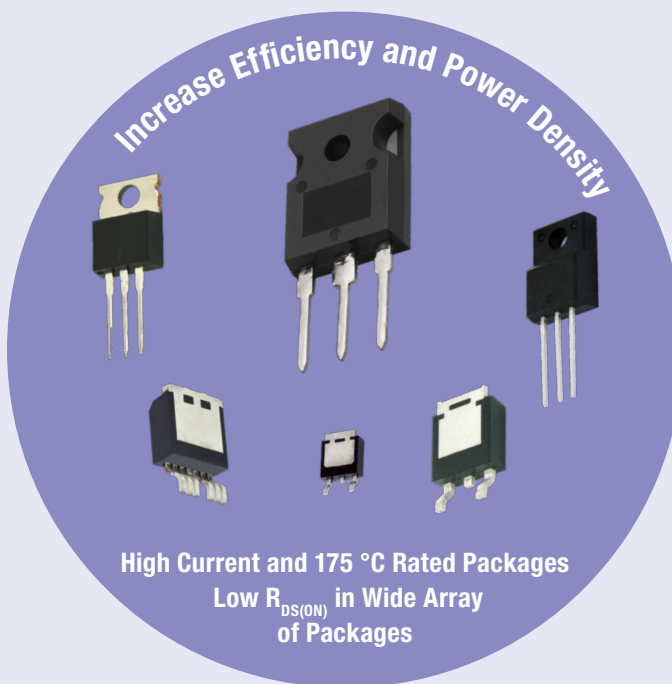
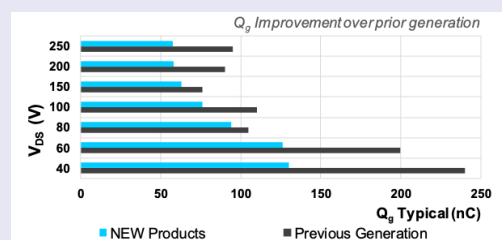
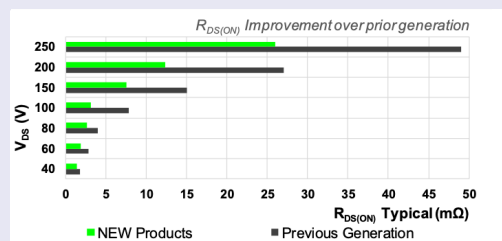
Breakdown Voltages: **-200 V to 250 V**

Selected Products **Industry Low $R_{DS(ON)}$**
and the Best $R_{DS} - Q_{oss}$ FOM

SUM70101EL -100 V, < 10.1 mΩ D2PAK	SUG80050E 150 V < 5.4 mΩ TO-247	SUG90090E 200 V, < 9.5 mΩ TO-247	SUP90142E 200 V, Best $R_{DS} - Q_{oss}$ TO-220

30 % Lower $R_{DS(ON)}$ than products
from prior generation

Improved Q_g reduces power loss
from switching

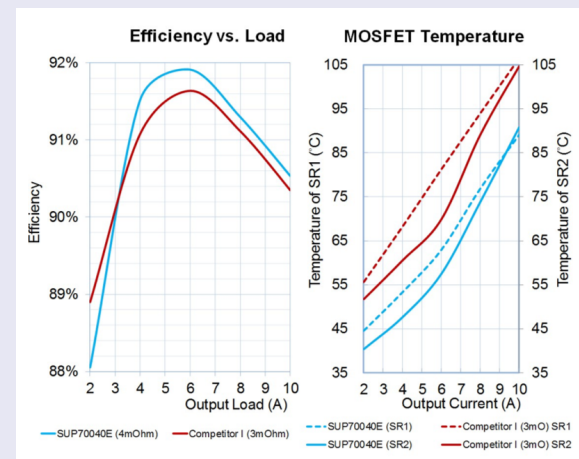


EXTENSIVE ARRAY OF PACKAGE OPTIONS AND FEATURES

Selected products are optimized for 5 V gate drive
operations with low $R_{DS(ON)}$

TO-247	TO-220F	TO-220	D2PAK	D2PAK-7L	DPAK
Up to 100 A	Up to 56 A	Up to 120 A	Up to 120 A	Up to 200 A	Up to 50 A

MORE EFFICIENT Power Delivery
COOLER Temperature During Operation
PREVENTS Overheating



APPLICATIONS

- Telecom Equipment
- Power Tools
- Power Supplies
- Motor Drive Control
- Renewable Energy
- Battery Management

