

## **SGT MOSFET Development Status**

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## **TSC MOSFET Marketing & Product Strategy**

#### **Focus Application**

- Automotive
- Industrial Motor Control
- Telecom Power
- Connectivity Power





#### **Product Development**

Strategy partnership with word class foundry





Experience Design Team from tier-1 IDM

#### **Promotion**

- Global Sales Branch Office
- Global disty Channel
- Leverage Rectifier AVL
  Position Tier-1 Customers
- Qualifying in Existing Automotive Customers





#### Competitiveness

- Competitive Technology
- Fast Reaction for the Market Demand
- Great Service



### **Global Sales Channels & Customer AVL Position**



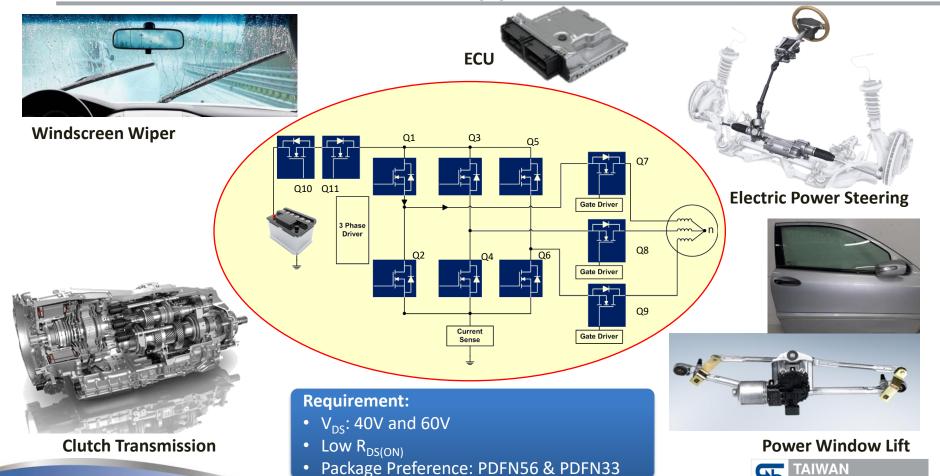
### **Automotive & Industrial Focus!**

- Founded in Taiwan
- > 15 Branch Offices Worldwide
- 4 Production Sites in Asia

- → Headquarter
- Sales office
- Front-End
- Back-End



## **MOSFET for Motor Drive Application in Automotive**



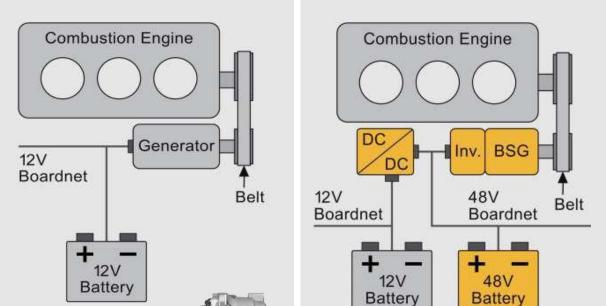
SEMICONDUCTOR

### **New MOSFET Opportunity for 48V System**

### **Conventional System**

#### **Automotive 48V System**

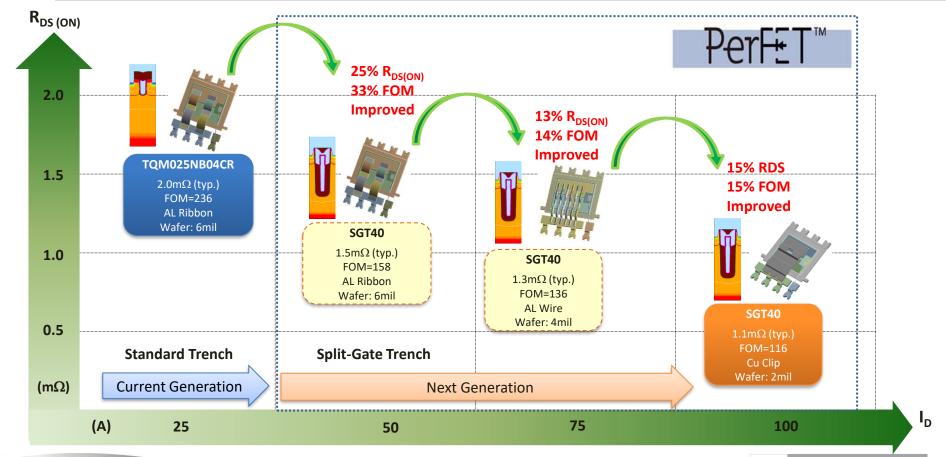
#### Advantage



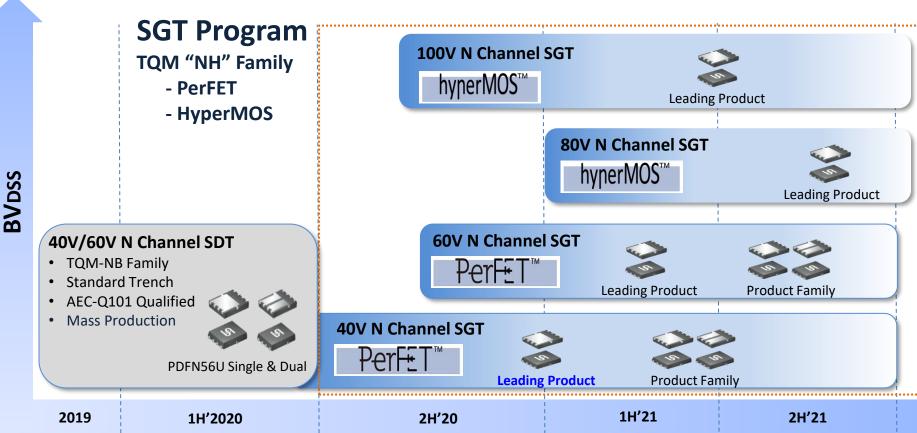
- ☐ Simple system integration to replaces the traditional generator system.
- No necessary for the highvoltage protection devices
- Belt starter generator with 15kW peak performance:
  - ✓ Fast Engine Start
  - ✓ Recuperation and boost
  - ✓ 13% CO<sub>2</sub> Saving in NEDC
  - ✓ system.
- ☐ 25~40pcs of 80V/100V MOSFETs



## **Development Milestone of TSC MOSFET**











# TSC, Your Reliable Partner

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