

Auto MOSFET Naming

Automotive MOSFET Naming System

I P G 20 N 04 S4 L - 07 A

I → Infineon

Device:

- P** for Power-MOSFET
- T** for Twin Power-MOSFET
(Common Drain)

Package Type:

- B** for TO263/D²PAK
- C** for SuperSO8 (TDSO8-08)
- D** for TO252/DPAK
- I** for TO262/I²PAK
- LU** for TO-Leadless (H-PSOF, MO-299)
- P** for TO220
- G** for Dual SuperSO8 (TDSO8-08)
- Z** for Shrink SuperSO8 (TSDSO8-08)

AOI-ready
only valid for T(S)DSO8

R_{DSon,max} in mΩ
"H" in front
for higher ohmic version
i.e. H5=5.5mΩ
"R" as decimal separator
i.e. 1R3=1.3mΩ

L for Logic Level
(no L is Normal Level)

- S** for SFET1
- S2** for OptiMOS™
- S3** for OptiMOS™-T
- S4** for OptiMOS™-T2
- P3** for PFET3 Trench
- P4** for PFET4 Trench

Breakdown voltage $V_{BrDSS} \div 10$

- P** for p-channel
- N** for n-channel

Continuous drain current I_{Dmax}



ENERGY EFFICIENCY MOBILITY SECURITY

Innovative semiconductor solutions for energy efficiency, mobility and security.

