

# Infineon Silicon Power Diodes Nomenclature

**I D W 40 E 65 D1**

**I = Infineon**

**Device**  
**D = Diode**

**Package type**

**B = TO-263-3**  
**D = TO-252-3 (D-PAK)**  
**P = TO-220-2**  
**V = TO220-2 FullPack**  
**W = TO-247-3**

**Voltage (V/10)**  
**Breakdown voltage**

**Technology**  
**E = emitter controlled diode**

**Current class (A)**  
**Nominal Current @ 100°C**

**Specifications**

**Nothing stated = Ultra soft SI diode (<18kHz/600V & 1200V)**

**D1 = Ultra fast SI diode, Rapid 1 (18-40kHz/650V)**

**D2 = Hyper fast SI diode, Rapid 2 (40-100kHz/650V)**