

ULTRA FAST RECOVERY POWER RECTIFIER

Features

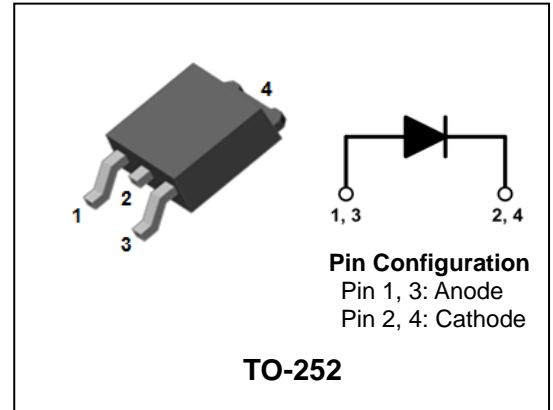
- High voltage and high reliability
- Ultrafast reverse recovery time
- High speed switching
- Low power loss and High efficiency
- Halogen-free component and RoHS compliant device

Applications

- General purpose
- Switching mode power supply
- Free-wheeling diode for motor application
- Power switching circuits
- DC-DC converter systems

Description

The SF10A400HD is ideally as boost diode in discontinuous or critical mode power factor corrections. The device is also intended for use as a freewheeling diode in power supplies and other power switching applications.



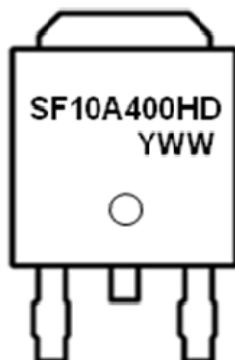
Product Characteristics

$I_{F(AV)}$	10A
V_{RRM}	400V
$V_{FM} @ T_j=125^\circ\text{C}$	1.2V
t_{rr}	30ns

Ordering Information

Device	Marking Code	Package	Packaging
SF10A400HD	SF10A400HD	TO-252	Tape & Reel

Marking Information



SF10A400HD = Specific Device Code

YWW = Year & Week Code Marking

- . Y = Year Code

- . WW = Week Code