

Ultrafast Dual Common-Cathode Rectifier

General Description

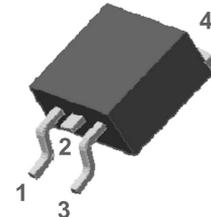
The SF20D400SD2 is an ultrafast rectifier. It has a low forward voltage drop and reverse recovery time ($t_{rr} < 30\text{ns}$). The device is intended for use as a free-wheeling, clamping rectifier in a variety of switching power supplies and other power switching applications.

Features and Benefits

- Low forward drop voltage and low leakage current
- Ultrafast reverse recovery time ($t_{rr} < 30\text{ns}$)
- Dual common-cathode rectifier construction
- Full lead (Pb)-free device and RoHS compliant device

Applications

- Switching power supply
- Power inverters
- Power conversion system
- DC/DC Converter system



D2-PAK

Product Characteristics	
$I_{F(AV)}$	2 x 10A
V_{RRM}	400V
V_{FM} at 125°C	1.25V
t_{rr}	30ns

Ordering Information

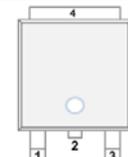
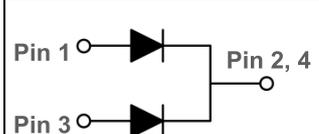
Part Number	Marking Code	Package	Packaging
SF20D400SD2	SF20D400SD2	D2-PAK	Tape & Reel

Marking Information



AUK = Manufacture Logo
Δ = Control Code of Manufacture
YMDD = Date Code Marking
 -. **Y** = Year Code
 -. **M** = Monthly Code
 -. **DD** = Daily Code
SF20D400SD2 = Specific Device Code

Pinning Information

Pin	Description	Simplified Outline	Graphic Symbol
1	Anode		
2, 4	Common-Cathode		
3	Anode		