

Product Overview

FFD10UP20S: 10A, 200V, Ultrafast Diode

For complete documentation, see the data sheet.

The FFD10UP20S is an ultrafast diode with low forward voltage drop and rugged UIS capability. This device is intended for use as freewheeling and clamping diodes in a variety of switching power supplies and other power switching applications. It is specially suited for use in switching power supplies and industrial applications as welder and UPS application.

Features

- Ultrafast recovery, $T_{rr} = 20.8\text{ns}$ (@ $I_F = 10\text{A}$)
- Max Forward Voltage, $V_F = 1.15\text{V}$ (@ $T_C = 25^\circ\text{C}$)
- Reverse Voltage : $V_{RRM} = 200\text{V}$
- Avalanche Energy Rated
- RoHS compliant

Applications

- Lighting

Part Electrical Specifications

Product	Compliance	Status	Type	$I_{O(\text{rec})}$ Max (A)	t_{rr} Max (ns)	V_{RRM} Max (V)	V_{FM} Max (V)	I_{FSM} Max (A)	I_R Max (mA)	Package Type
FFD10UP20S	Pb-free Halide free	Active	Single	10	35	200	1.15	100	0.1	DPAK-3 / TO-252-3

For more information please contact your local sales support at www.onsemi.com.

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