

Product Overview

FFPF10UP60S: 10A, 600V, Ultrafast Diode

For complete documentation, see the data sheet.

The FFPF10UP60S 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 $T_{rr} = 40\text{ns}$ (@ $I_F = 1\text{A}$)
- Max Forward Voltage, $V_F = 2.2\text{V}$ (@ $T_C = 25^\circ\text{C}$)
- 600V Reverse Voltage and High Reliability
- Avalanche Energy Rated
- RoHS compliant

Applications

- LCD TV

Part Electrical Specifications											
Product	Pricing (\$/Unit)	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
FFPF10UP60STU	0.5624	Pb-free non AEC-Q and PPAP	Active	Single	15	40	600	2.6	150	0.1	TO-220 FP / TO-220F-2FS

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

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