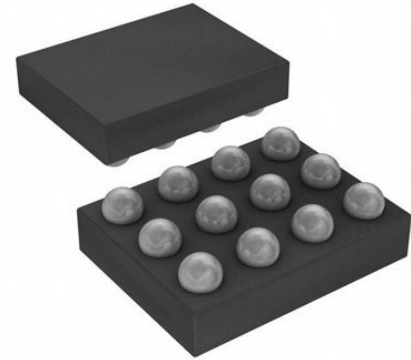


Low Rdson Over-Voltage Protection Load Switch

Manufacturers	ON Semiconductor, LLC
Package/Case	WLCSP-12
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FPF3380UCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

FPF3380UCX is an OVP with integrated ultra-low on-resistance single channel switch. The device contains an N-MOSFET that can operate over an input voltage range of 2.8V to 23V and can support a maximum continuous current of 5A. When the input voltage exceeds the over-voltage threshold, the internal FET is turned off immediately to prevent damage to the protected downstream components. The device has integrated $\pm 110V$ surge protection TVS base on IEC61000-4-5 standards. FPF3380 is available in a small 12-bumps WLCSP package and operates over the free-air temperature range of $-40^{\circ}C$ to $+85^{\circ}C$

Features

- Surge Protection: integrated TVS $\pm 110V$ for IEC61000-4-5
- Internal Low RDS(on) NMOS Transistors: Typical $15m\Omega$
- Over-Voltage Protection (OVP) up to +28V
- Programmable Over-voltage Lockout (OVLO): externally adjustable via OVLO pin
- ESD Protection
- Human Body Model (HBM): ± 4 kV
- Charged Device Model (CDM): ± 2 kV
- IEC 61000-4-2 Air Discharge: ± 15 kV
- IEC 61000-4-2 Contact Discharge: ± 10 kV

Application

ONSEMI

Related Products



[NCV7357D13R2G](#)

ON Semiconductor, LLC
SOIC-8



[NCV7357D10R2G](#)

ON Semiconductor, LLC
SOIC-8



[NRVBS360BNT3G](#)

ON Semiconductor, LLC
SMB-2



[NRVBS3200NT3G](#)

ON Semiconductor, LLC
SMB-2



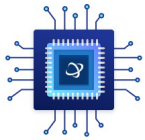
[NRVBAF3200T3G](#)

ON Semiconductor, LLC
SMA-FL



[FSA646AUCX](#)

ON Semiconductor, LLC
WLCSP36 2.43x2.43x0.599



[NVXR17S90M2SPB](#)

ON Semiconductor, LLC
SSDC39, 154.50x92.0 (SPB)



[N34TS108C6ECT5G](#)

ON Semiconductor, LLC
WLCSP6, 1.1888x0.788x0.625