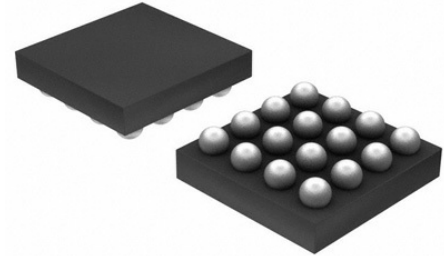


IC LOAD SWITCH

Manufacturers	ON Semiconductor, LLC
Package/Case	12-UFBGA, WLCSP
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for FPF2281BUCX-F130 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FPF2281 features a low-RON internal FET and an operating range of 2.5 VDC to 13.5 VDC (absolute maximum of 29 VDC). An internal clamp is capable of shunting surge voltages >100 V, protecting downstream components and enhancing system robustness. The FPF2281 features over-voltage protection that powers down the internal FET if the input voltage exceeds the OVP threshold. The OVP threshold is adjustable with optional external resistors. Over-temperature protection also powers down the device at 130°C (typical). Exceptionally low off-state current (<1 μ A maximum) facilitates compliance with standby power requirements. The FPF2281 is available in a fully “green” compliant 1.3 mm \times 1.8 mm Wafer-Level Chip-Scale Package (WLCSP) with backside laminate.

Features

null

Surge Protection

IEC 61000-4-5: > 100 V

Over-Voltage Protection (OVP)

Over-Temperature Protection (OTP)

ESD Protection

Human Body Model (HBM): > 3.5 kV

Charged Device Model (CDM): > 2 kV

IEC 61000-4-2 Air Discharge: > 15 kV

IEC 61000-4-2 Contact Discharge: > 8 kV

Application

ONSEMI

Related Products



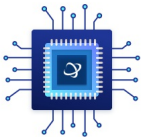
[FPF1504UCX](#)

ON Semiconductor, LLC
WLCSP-4



[FPF2496UCX](#)

ON Semiconductor, LLC
WLCSP-9



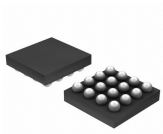
[FPF2215](#)

ON Semiconductor, LLC
MicroFET-6



[FPF1006](#)

ON Semiconductor, LLC
MicroFET-8



[FPF2895CUCX](#)

ON Semiconductor, LLC
24-UFBGA, WLCSP



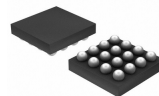
[FPF2702MPX](#)

ON Semiconductor, LLC
MLP-8



[FPF1204UCX-Z006](#)

ON Semiconductor, LLC
WLCSP-4



[FPF1504LUCX](#)

ON Semiconductor, LLC
4-UFBGA, WLCSP