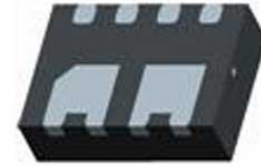


Power Switch ICs - POE / LAN AccuPower Advanced Load Mngmnt Products

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	MLP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for FPF2702MPX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AccuPower™ FPF270X series is a family of current-limit load switches that provide full protection to systems and loads from excess current conditions. Minimum current limit is adjustable from 0.4 A to 2.0 A. The FPF270X contains a slew-rate-controlled N-channel MOSFET and slew-rated turn-on to prevent power bus disturbances from being caused by "hot plugging" loads or momentary excess load demands. The input voltage range is 2.8 V to 36 V. Loads can be activated or deactivated with a low-voltage logic-compatible ON pin. Fault conditions can be monitored using the error flag pin and/or the power-good pin. Each member of the FPF270X family serves a category of load-fault response. All devices clamp the load current so that it cannot exceed an externally programmed current level. An over temperature feature provides further device protection in case of excessive levels of power dissipation. FPF2702 is intended to be used with external fault management. Like the FPF2700 and FPF2701, it sets the fault signal pin LOW when it activates current clamping. This device is intended for applications where external fault management coordinates the overload response with the FPF2702. The FPF270X is available in a space-saving Pb and Halogen free, 8-lead MLP 3x3mm and SO8 packages.

## Features

2.8 V to 36 V Input Voltage Range

Typical>

0.4 A to 2 A Adjustable Current Limit (Min.)

Slew Rate Controlled

ESD Protected, Above 2000 V HBM

Thermal Shutdown

Active LOW Enable

UVLO Protection

Power-Good Output

## Application

ONSEMI

## Related Products



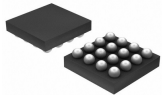
### [FPF1504UCX](#)

ON Semiconductor, LLC  
WLCSP-4



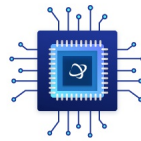
### [FPF2496UCX](#)

ON Semiconductor, LLC  
WLCSP-9



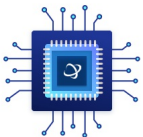
### [FPF2281BUCX-F130](#)

ON Semiconductor, LLC  
12-UFBGA, WLCSP



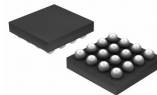
### [FPF2215](#)

ON Semiconductor, LLC  
MicroFET-6



### [FPF1006](#)

ON Semiconductor, LLC  
MicroFET-8



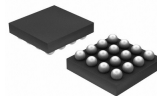
### [FPF2895CUCX](#)

ON Semiconductor, LLC  
24-UFBGA, WLCSP



### [FPF1204UCX-Z006](#)

ON Semiconductor, LLC  
WLCSP-4



### [FPF1504LUCX](#)

ON Semiconductor, LLC  
4-UFBGA, WLCSP