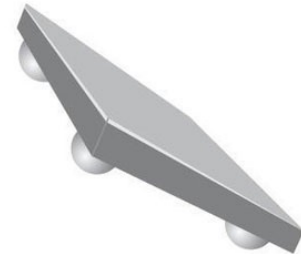


Power Switch ICs - Power Distribution Advanced Load Management Switch

Manufacturers	ON Semiconductor, LLC
Package/Case	WLCSP-4
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for FPF1504UCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FPF1504 is a low-RDS P-channel MOSFET load switch of the IntelliMAX™ family. Integrated slew-rate control prevents excessive inrush current from the supply rails with capacitive loads common in power applications. In addition, the FPF1504 features output discharge capability. The input voltage range operates from 1.0 V to 3.6 V to fulfill today's mobile device supply requirements. Switch control is by a logic input (ON pin) capable of interfacing directly with low-voltage CMOS control signals and GPIOs in embedded processors.

Features

1.0 V to 3.6 V Input Voltage Operating Range

Typical RDS(ON):

15 mΩ at>

20 mΩ at>

55 mΩ at>

Slew Rate Control with tR: 130 μs

Output Discharge Function

Low <1 μA Quiescent Current at>

ESD Protected: 4000 V HBM, 2000 V CDM

GPIO/CMOS-Compatible Enable Circuitry

Application

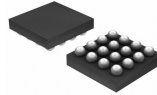
ONSEMI

Related Products



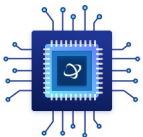
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ON Semiconductor, LLC
WLCSP-9



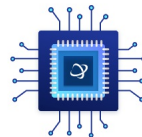
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ON Semiconductor, LLC
12-UFBGA, WLCSP



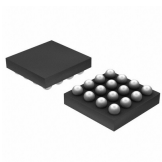
[FPF2215](#)

ON Semiconductor, LLC
MicroFET-6



[FPF1006](#)

ON Semiconductor, LLC
MicroFET-8



[FPF2895CUCX](#)

ON Semiconductor, LLC
24-UFBGA, WLCSP



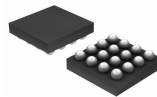
[FPF2702MPX](#)

ON Semiconductor, LLC
MLP-8



[FPF1204UCX-Z006](#)

ON Semiconductor, LLC
WLCSP-4



[FPF1504LUCX](#)

ON Semiconductor, LLC
4-UFBGA, WLCSP