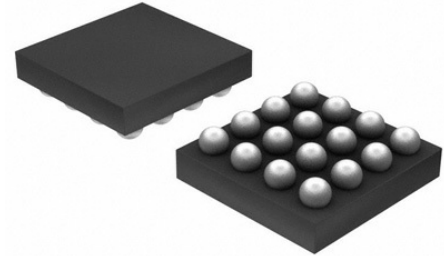


CURRENT LIMIT SWITCH

Manufacturers	ON Semiconductor, LLC
Package/Case	24-UFBGA, WLCSP
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for FPF2895CUCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

"The FPF2895C features a 28 V and 5 A rated current limit power switch, which offers Over-Current Protection (OCP), Over-Voltage Protection (OVP), and True Reverse Current Block (TRCB) to protect system. It has low On-resistance of typical 27 mΩ with WL-CSP can operate over an input voltage range of 4 V to 22 V. The FPF2895C supports ±10% of current limit accuracy, over-current range of 500 mA to 2 A and ±5% of current limit accuracy, over-current range of 2 A to 5 A, flexible operations such as selectable OVP, selectable ON polarity and selectable OCP behavior, which can be optimized according to system requirements. The FPF2895C is available in a 24-bump, 1.67 mm x 2.60 mm Wafer-Level Chip-Scale Package (WL-CSP) with 0.4 mm pitch."

Features

28V / 5A Capability

Wide Input Voltage Range: 4V ~ 22V

Ultra Low On-Resistance

Typ. 27 mΩ at 5V and 25 °C

Adjustable Current Limit with external RSET: - 500 mA ~ 5 A

Selectable OVLO with OV1 and OV2 Logic Input: - 5.95 V ± 50 mV - 10 V ± 100 mV - 16.8 V ± 300 mV - 23 V ± 460 mV

Selectable ON Polarity

Selectable Over-Current Behavior: - Auto-Restart Mode - Current Source Mode

True Reverse Current Block

Thermal Shutdown

Application

ONSEMI

Related Products



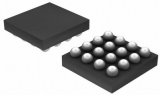
[FPF1504UCX](#)

ON Semiconductor, LLC
WLCSP-4



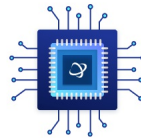
[FPF2496UCX](#)

ON Semiconductor, LLC
WLCSP-9



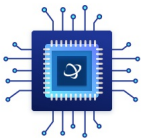
[FPF2281BUCX-F130](#)

ON Semiconductor, LLC
12-UFBGA, WLCSP



[FPF2215](#)

ON Semiconductor, LLC
MicroFET-6



[FPF1006](#)

ON Semiconductor, LLC
MicroFET-8



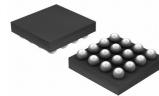
[FPF2702MPX](#)

ON Semiconductor, LLC
MLP-8



[FPF1204UCX-Z006](#)

ON Semiconductor, LLC
WLCSP-4



[FPF1504LUCX](#)

ON Semiconductor, LLC
4-UFBGA, WLCSP