



## Product Overview

### FPF2498: Adjustable OVP with 28 V Input OVT Load Switch

For complete documentation, see the data sheet.

The FPF2498 advanced load-management switch targets applications requiring a highly integrated solution. It disconnects loads powered from the DC power rail (<math>\leq 12\text{ V}</math>) with stringent off-state current targets and high load capacitances (<math>\leq 100\text{ }\mu\text{F}</math>). The FPF2498 consists of a slew-rate controlled low-impedance MOSFET switch. FPF2498 has over-voltage protection and over-temperature protection.

### Features

- Function: Advanced load switch
- Input: 3.5 – 12 V
- 28 V Absolute Ratings on VIN
- 1.7 A Maximum Continuous Current Capability
- 80 m $\Omega$  RON Typical
- Over-Voltage Protection (OVP)
- Over-Current Protection (OCP)
- Thermal Shutdown
- Under-Voltage Lockout (UVLO)
- Reverse Current Blocking (RCB)

For more features, see the data sheet

### Applications

- Media Tablets
- Storage & Peripherals
- Mobile Handsets
- Wireless LAN Card & Broadband Access
- PMP/MP3 Players

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Over Current - Shutdown (Y/N)	Over Current - Current Source (Y/N)	Current Limit (FLXED/ADJ/NO)	Over Voltage Protection (Y/N)	Reverse Current Blocking (Y/N)	Fault Signal (Y/N)	PGOOD (Y/N)	UVLO (Y/N)	R <sub>ds(on)</sub> Typ (m $\Omega$ )	Max Current (A)	Output Discharge (Y/N)	IMON Output (Y/N)	Adjustable Slew Rate (Y/N)	V <sub>inMin</sub> (V)	V <sub>inMax</sub> (V)	I <sub>q</sub> ( $\mu$ A)	eFuse / Hot Plug (Y/N)	Input / Output	Product Family	Package Type
FPF2498BUCX	0.2098	Pb-free Halide free non AEC-Q and PPAP	Active	N	Y		Y	Y	Y	N	Y	80	1.7	N	N	N	3.5	12	90	N	1:1	IntelliMAX	WLCSP-6

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