

Product Overview

LV5980MC: Buck Converter, Switching Regulator, 1-Channel

For complete documentation, see the data sheet.

LV5980MC is a 1 channel DC-DC converter with built-in power P-channel MOSFET. The recommended operating range is 4.5 V to 23 V. The maximum current is 3 A. The operating current is about 63 μ A, and low power consumption is achieved.

Features

- 1 channel SBD rectification DC-DC converter with built-in power P-channel MOSFET
- Typical value of light load mode current is 63 μ A
- 4.5 V to 23 V operating input voltage range
- 100 m Ω high-side switch
- Output voltage adjustable to 1.235 V
- The oscillatory frequency is 370 kHz
- built-in OCP circuit with P-by-P method
- When P-by-P is generated continuously, it shifts to the HICCUP operation
- External capacitor soft-start
- Under voltage lock-out, thermal shutdown

For more features, see the data sheet

Applications

- Power Management

End Products

- Set Top Boxes
- DVD Players
- LCD TVs

For more information please contact your local sales support at www.onsemi.com.

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