

FDS6986AS Trans MOSFET N-CH 30V 6.5A/7.9A 8Pin SOIC T/R RoHS

Manufacturers	ON Semiconductor, LLC
Package/Case	SOP-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for FDS6986AS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FDS6986AS is designed to replace two single SO-8 MOSFETs and Schottky diode in synchronous DC:DC power supplies that provide various peripheral voltages for notebook computers and other battery powered electronic devices. FDS6986AS contains two unique 30V, N-channel, logic level, PowerTrenchMOSFETs designed to maximize power conversion efficiency. The high-side switch (Q1) is designed with specific emphasis on reducing switching losses while the lowside switch (Q2) is optimized to reduce conduction losses. Q2 also includes an integrated Schottky diode using Fairchild's monolithic SyncFET technology.

Features

Q2 Optimized to minimize conduction losses Includes SyncFET Schottky body diode 7.9A, 30V $V_{Max.} = 10V$ $V_{Max.} = 4.5V$ ONSEMI

Q1 Optimized for low switching losses $A, V_{Max.} = 10V$ $V_{Max.} = 4.5V$ Low gate charge (10 nC typical)

Application

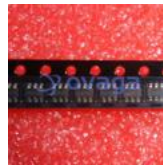


Related Products



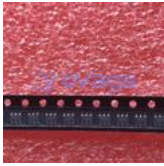
[FDC645N](#)

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SSOT-6



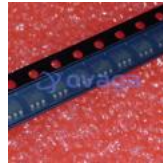
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