

N-Channel Shielded Gate PowerTrench® MOSFET 100 V, 53 A, 8.5 mΩ

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



Images are for reference only

Please submit RFQ for FDMC86184 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

This N-Channel MV MOSFET is produced using an advanced PowerTrench® process that incorporates Shielded Gate technology. This process has been optimized to minimize on-state resistance and yet maintain superior switching performance with best in class soft body diode.

Features

Shielded Gate MOSFET Technology

Max = 10 V,>

Max = 6 V,>

50% Lower Qrr than Other MOSFET Suppliers

Lowers Switching Noise/EMI

MSL1 Robust Package Design

100% UIL Tested

RoHS Compliant

Application

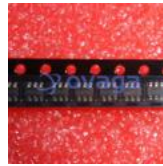
ONSEMI

Related Products



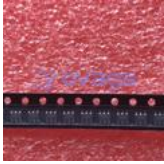
[FDC645N](#)

ON Semiconductor, LLC
SSOT-6



[FDC637BNZ](#)

ON Semiconductor, LLC
SSOT-6



[FDC6305N](#)

ON Semiconductor, LLC
SSOT-6



[FDC602P](#)

ON Semiconductor, LLC
SOT163



[FDD8647L](#)

ON Semiconductor, LLC
TO-252-3



[FDB070AN06A0](#)

ON Semiconductor, LLC
TO-263



[FDD5N50NZTM](#)

ON Semiconductor, LLC
TO-252



[FDD3670](#)

ON Semiconductor, LLC
TO-252AA