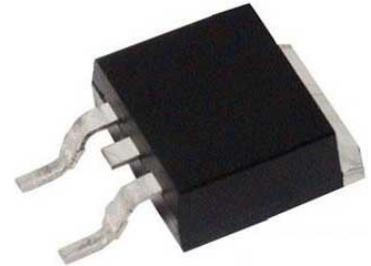


N-Channel MOSFET, 14 A, 650 V, 2+Tab-Pin D2PAK ON Semiconductor

Manufacturers	ON Semiconductor, LLC
Package/Case	D2PAK
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FCB199N65S3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SUPERFET III MOSFET is ON Semiconductor's brand-new high-voltage super-junction (SJ) MOSFET family that is utilizing chargebalance technology for outstanding low on-resistance and lower gatecharge performance. This advanced technology is tailored to minimize conduction loss, provide superior switching performance, and withstand extreme dv/dt rate. Consequently, SUPERFET III MOSFET Easy drive series helps manage EMI issues and allows for easier design implementation.

Features

700 V @>

Higher system reliability at low temperature operation

Ultra Low Gate Charge (Typ.>

Lower switching loss

Low Effective Output Capacitance (Typ.>

Lower switching loss

Optimized Capacitance

Lower peak Vds and lower Vgs oscillation

Internal Gate resistance: 7.0 ohm

Lower peak Vds and lower Vgs oscillation

Typ.>

100% Avalanche Tested

RoHS Compliant

Wave soldering guarantee

Application

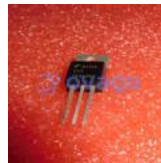
ONSEMI

Related Products



[FCPF11N60F](#)

ON Semiconductor, LLC
TO-220F



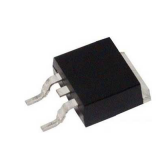
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ON Semiconductor, LLC
TO-220



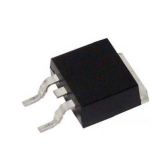
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ON Semiconductor, LLC
TO-3P



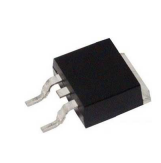
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ON Semiconductor, LLC
D2PAK



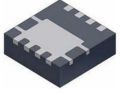
[FCB20N60TM](#)

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[FCMT299N60](#)

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4-PowerTSFN



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Power-88-4