Automotive Reverse Polarity Protection

Block Diagram

LM5050-Q1

Vin
12V/24V/48V

Q1

Vout
12V/24V/48V

GATE
IN
OUT

R1

D1

D2

D3

D4

VS

To Enable/Disable

GND

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Revision History

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<th>ECN #</th>
<th>Approved Date</th>
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Open = Disable LM5050-Q1
Close = Enable LM5050-Q1

10.0k
R4
V_OUT
V_OUT
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