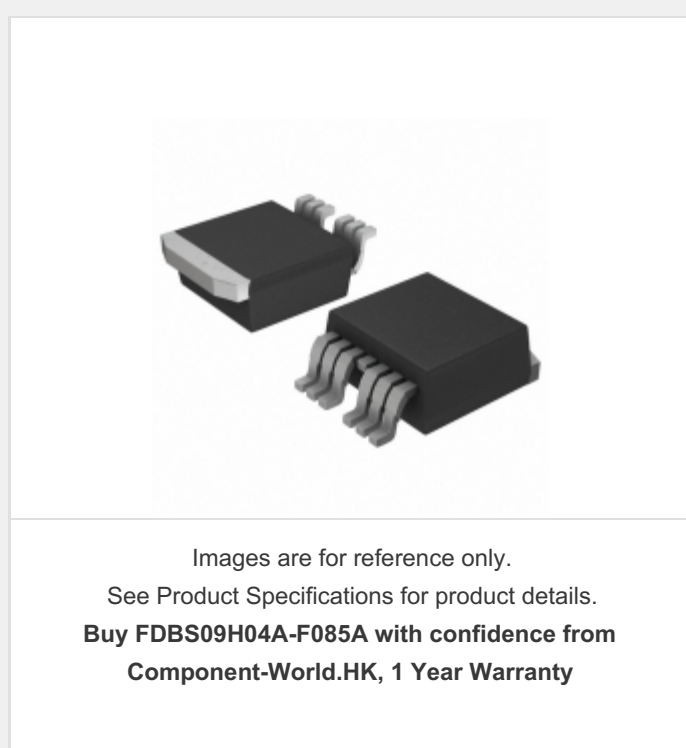


## FDBS09H04A-F085A



**Part Number:** [FDBS09H04A-F085A](#)  
**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)  
**Description:** MOSFET N-CH SMART SWITCH TO263-7  
**Data sheet:** [FDB045AN08A0\\_F085A](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	FDBS09H04A-F085A	Manufacturer	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Description	MOSFET N-CH SMART SWITCH TO263-7	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5378 pcs	Data sheet	<a href="#">FDB045AN08A0_F085A</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	5.5 V ~ 38 V	Switch Type	General Purpose
Supplier Device Package	TO-263-7	Series	Automotive, AEC-Q100
Rds On (Typ)	5.5 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA
Output Type	N-Channel	Output Configuration	High Side
Other Names	FDBS09H04A-F085ATR FDBS09H04A_F085A FDBS09H04A_F085ATR FDBS09H04A_F085ATR-ND FDBS09H04AF085A	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	-
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO	Current - Output (Max)	12A

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	Part#: <a href="#">FDBL0240N100</a> Description: MOSFET N-CH 100V 210A POWER56	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL86063-F085</a> Description: NMOS TOLL 100V 2.0 MOHM	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL0260N100</a> Description: MOSFET N-CH 100V 200A 8PSOF	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">FDBS09H04A</a> Description: IC SMART HI SIDE SWITCH D2PAK-7	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">FDBL86066-F085</a> Description: PTNG 100V N-FET TOLL	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL86361-F085</a> Description: MOSFET N-CH 80V 300A PSOF8	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL86062-F085</a> Description: MOSFET N-CH 100V 300A 8-HPSOF	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL9403-F085</a> Description: MOSFET N-CH 40V 240A PSOF8	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">FDBL86363-F085</a> Description: MOSFET N-CH 80V 240A PSOF8	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">FDBL86366-F085</a> Description: MOSFET N-CH 80V 220A PSOF8	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">FDBL86063_F085</a> Description: MOSFET N-CH TRENCH PTNG 100V	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
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