

FDDS100H06-F085



ON Semiconductor®

Part Number: [FDDS100H06-F085](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC SMART HIGH SIDE SWITCH DPAK-5

Data sheet:  [FDDS100H06_F085](#)

RoHs Status: Lead free / RoHS Compliant

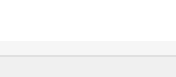
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PRODUCT PARAMETER			
Part Number	FDDS100H06-F085	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC SMART HIGH SIDE SWITCH DPAK-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4096 pcs	Data sheet	FDDS100H06_F085
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	5.5 V ~ 37 V	Switch Type	General Purpose
Supplier Device Package	TO-252-5	Series	Automotive, AEC-Q100
Rds On (Typ)	80 mOhm	Ratio - Input:Output	1:1
Packaging	Cut Tape (CT)	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Output Type	N-Channel	Output Configuration	High Side
Other Names	FDDS100H06-F085CT FDDS100H06_F085CT FDDS100H06_F085CT-ND	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current - Output (Max)	2.8A
Base Part Number	FDDS100H06		
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	Part#: FDD9410L-F085 Description: MOSFET N-CHANNEL 40V 50A TO252	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9411-F085 Description: MOSFET N-CH 40V 15A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9509L-F085 Description: PT8P 40V LL DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD8896 Description: MOSFET N-CH 30V 94A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD8896-F085 Description: MOSFET N-CH 30V 94A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9510L-F085 Description: MOSFET P-CH 35V 13A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9409L-F085 Description: NMOS DPAK 40V 2.6 MOHM	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDDS100H06 Description: IC SMART HIGH SIDE SWITCH DPAK-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD8882 Description: MOSFET N-CH 30V 55A D-PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9507L-F085 Description: PMOS DPAK 40V 4.4 MOHM	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9407L-F085 Description: MOSFET N-CH 40V 100A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9407-F085 Description: MOSFET N-CH 40V 100A TO252	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDDS10H04A_F085A Description: IC SMART HIGH SIDE SWITCH DPAK-5	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: FDD9409-F085 Description: MOSFET N-CH 40V 90A TO252	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9511L-F085 Description: PT8P 40V LL DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9411L-F085 Description: NMOS DPAK 40V 7.1 MOHM	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD8N50NZTM Description: MOSFET N-CH 500V 6.5A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDDS10H04A Description: IC SMART HIGH SIDE SWITCH DPAK-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: FDD9407_SN00283 Description: MOSFET N-CH 40V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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