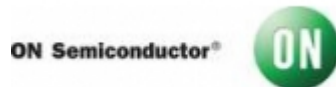
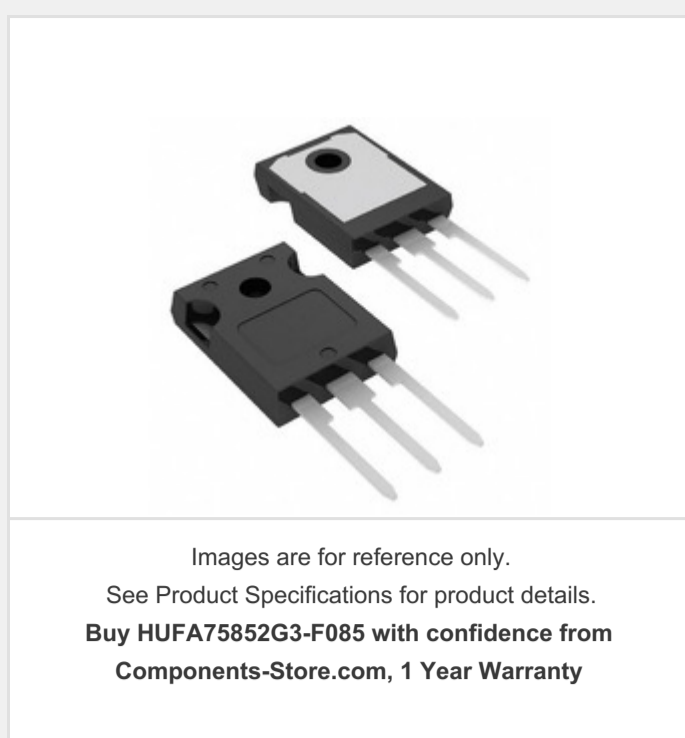


HUFA75852G3-F085



Part Number: [HUFA75852G3-F085](#)
Manufacturer: [AMI Semiconductor / ON Semiconductor](#)
Description: MOSFET N-CH 150V 75A TO-247
Data sheet: [PDF HUFA75852G3_F085](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER

Part Number	HUFA75852G3-F085
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 150V 75A TO-247
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24353 pcs
Product Photo	HUFA75852G3-F085.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-247-3
Series	Automotive, AEC-Q101, UltraFET™
Rds On (Max) @ Id, Vgs	16 mOhm @ 75A, 10V
Power Dissipation (Max)	500W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	HUFA75852G3_F085 HUFA75852G3_F085-ND
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	7690pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	480nC @ 20V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	150V
Detailed Description	N-Channel 150V 75A (Tc) 500W (Tc) Through Hole TO-247-3
Current - Continuous Drain (Id) @ 25°C	75A (Tc)

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	Part#: HUFA75645S3S Description: MOSFET N-CH 100V 75A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 31659	RFQ
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	Part#: HUFA75852G3 Description: MOSFET N-CH 150V 75A TO-247	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 5675	RFQ
	Part#: HUFA75829D3ST Description: MOSFET N-CH 150V 18A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 5437	RFQ
	Part#: HUFA76407D3 Description: MOSFET N-CH 60V 12A IPAK	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 4417	RFQ
	Part#: HUFA75823D3ST Description: MOSFET N-CH 150V 14A TO-252AA	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 5050	RFQ
	Part#: HUFA76407D3S Description: MOSFET N-CH 60V 12A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 5577	RFQ
	Part#: HUFA76404DK8T Description: MOSFET 2N-CH 62V 3.6A 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 194427	RFQ
	Part#: HUFA76409D3S Description: MOSFET N-CH 60V 18A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: 5706	RFQ

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