



Image may be representation.
See specifications for product details.



FAN7085MX-GF085

Manufacturer Part Number	FAN7085MX-GF085
Manufacturer	onsemi
Allelco Part Number	32D-FAN7085MX-GF085
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR HIGH-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FAN7085MX-GF085 - onsemi.New Original in Stock. Download Linear Technology FAN7085MX-GF085 datasheet/specifications on AllelcoElec.com.
Request a quote for FAN7085MX-GF085, please send us email: info@allelco.com

Specifications

FAN7085MX-GF085 Tech Specifications

FAN7085MX-GF085 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 20V	Logic Voltage - VIL, VIH	-
Supplier Device Package	8-SOIC	Input Type	Inverting
Series	Automotive, AEC-Q100	High Side Voltage - Max (Bootstrap)	300 V
Rise / Fall Time (Typ)	65ns, 25ns	Gate Type	IGBT, N-Channel MOSFET
Package / Case	8-SOIC (0.154", 3.90mm Width)	Driven Configuration	High-Side
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	450mA, 450mA
Operating Temperature	-40°C ~ 150°C (TJ)	Channel Type	Single
Number of Drivers	1	Base Product Number	FAN7085

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FAN7085MX-GF085

Product Attribute				
Part Number	FAN7085MX-GF085	FAN7083MX-GF085	FAN7190MX	FAN7085M-GF085
Manufacturer	onsemi	Fairchild Semiconductor	Fairchild Semiconductor	onsemi
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Number of Drivers	1	1	2	1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Base Product Number	FAN7085	FAN7083	FAN7190	FAN7085
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Logic Voltage - VIL, VIH	-	-	1.2V, 2.5V	-
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Voltage - Supply	4.5V ~ 20V	10V ~ 20V	10V ~ 22V	4.5V ~ 20V
Current - Peak Output (Source, Sink)	450mA, 450mA	200mA, 400mA	4.5A, 4.5A	450mA, 450mA
Driven Configuration	High-Side	High-Side	Half-Bridge	High-Side
Package	Tape & Reel (TR)	Bulk	Bulk	Tube
Rise / Fall Time (Typ)	65ns, 25ns	200ns, 25ns	25ns, 20ns	65ns, 25ns
Input Type	Inverting	Non-Inverting	Non-Inverting	Inverting
Channel Type	Single	Single	Independent	Single
High Side Voltage - Max (Bootstrap)	300 V	600 V	600 V	300 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

FAN7085MX-GF085 Datasheet PDF

Download FAN7085MX-GF085 pdf datasheets and onsemi documentation for FAN7085MX-GF085 - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration FAN7085MX-GF085.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

2.73KHz.pdf

PCN Part Number

2.73KHz.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

FAN7083M_GF085 FSC/ON	FAN7085B Fairchild (onsemi)	FAN7083MX-GF085 Fairchild Semiconductor HALF BRIDGE BASED MOSFET DRIVER,	FAN7093 Fairchild Semiconductor IC HALF BRIDGE DRVR 46A TO263-7	FAN7101M. Fairchild (onsemi)	FAN7190MX Fairchild Semiconductor HALF BRIDGE BASED MOSFET DRIVER
FAN7085M-GF085 onsemi IC GATE DRVR HIGH-SIDE 8SOIC	FAN7081MX Fairchild Semiconductor BUFFER/INVERTER MOSFET DRIVER	FAN7093 onsemi IC HALF BRIDGE DRVR 46A TO263-7	FAN7190MX onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7191MX-F085 Fairchild Semiconductor HALF BRIDGE BASED MOSFET DRIVER	FAN7081MX_GF085 FSC
FAN7171MX Fairchild Semiconductor HALF BRIDGE BASED MOSFET DRIVER	FAN7171M-F085 onsemi IC GATE DRVR HIGH-SIDE 8SOIC	FAN7191MX-F085 onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7083MX-GF085 onsemi IC GATE DRVR HIGH-SIDE 8SOIC	FAN7083BMX Fairchild (onsemi)	FAN7171MX onsemi IC GATE DRVR HIGH-SIDE 8SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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