

Image may be representation.
See specifications for product details.



FAN7383MX

Manufacturer Part Number	FAN7383MX
Manufacturer	onsemi
Allelco Part Number	32D-FAN7383MX
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE DRVR HALF-BRIDGE 14SOP
Package	14-SOIC (0.209", 5.30mm Width)
Data sheet	FAN7383.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FAN7383MX - onsemi.New Original in Stock. Download Linear Technology FAN7383MX datasheet/specifications on AllelcoElec.com.
Request a quote for FAN7383MX, please send us email: info@allelco.com

Specifications

FAN7383MX Tech Specifications

FAN7383MX - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	15V ~ 20V	Logic Voltage - VIL, VIH	1.2V, 2.9V
Supplier Device Package	14-SOP	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	50ns, 30ns	Gate Type	IGBT, N-Channel MOSFET
Package / Case	14-SOIC (0.209", 5.30mm Width)	Driven Configuration	Half-Bridge
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	350mA, 650mA
Operating Temperature	-40°C ~ 150°C (TJ)	Channel Type	Synchronous
Number of Drivers	2	Base Product Number	FAN7383

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FAN7383MX

Product Attribute				
Part Number	FAN7383MX	FAN7384MX	FAN7382MX	FAN73833M
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	14-SOP	14-SOP	8-SOP	8-SOIC
Package / Case	14-SOIC (0.209", 5.30mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Base Product Number	FAN7383	FAN7384	FAN7382	FAN73833
Rise / Fall Time (Typ)	50ns, 30ns	50ns, 30ns	60ns, 30ns	50ns, 30ns
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Current - Peak Output (Source, Sink)	350mA, 650mA	250mA, 500mA	350mA, 650mA	350mA, 650mA
Driven Configuration	Half-Bridge	Half-Bridge	Half-Bridge	Half-Bridge
Number of Drivers	2	2	2	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
High Side Voltage - Max (Bootstrap)	600 V	600 V	600 V	600 V
Series	-	-	-	-
Voltage - Supply	15V ~ 20V	13V ~ 20V	10V ~ 20V	11V ~ 20V
Logic Voltage - VIL, VIH	1.2V, 2.9V	1.2V, 2.5V	0.8V, 2.5V	1.2V, 2.5V
Channel Type	Synchronous	Independent	Independent	Independent

FAN7383MX Datasheet PDF

Download FAN7383MX pdf datasheets and onsemi documentation for FAN7383MX - onsemi.

Datasheets

[FAN7383.pdf](#)

Environmental Information

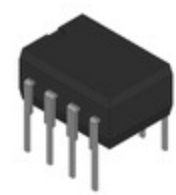
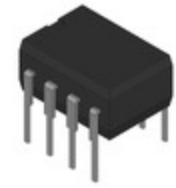
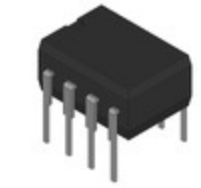
[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration FAN7383MX.pdf](#)

Customers Also Interested in

Recommended Products

**FAN7384MX**onsemi
IC GATE DRVR HALF-BRIDGE 14SOP**FAN7382MX**onsemi
IC GATE DRVR HALF-BRIDGE 8SOP**FAN73833M**onsemi
IC GATE DRVR HALF-BRIDGE 8SOIC**FAN73832N**Fairchild Semiconductor
HALF BRIDGE PERIPHERAL DRIVER**FAN7382M1X**onsemi
IC GATE DRVR HALF-BRIDGE 14SOP**FAN7382M1X**Fairchild Semiconductor
HALF BRIDGE BASED PERIPHERAL DRI**FAN7382N**onsemi
IC GATE DRVR HALF-BRIDGE 8DIP**FAN7387VN**onsemi
IC BALLAST CNTRL 22KHZ 8DIP**FAN73833MX**onsemi
IC GATE DRVR HALF-BRIDGE 8SOIC**FAN73832N**onsemi
IC GATE DRVR HALF-BRIDGE 8DIP**FAN7385MX**onsemi
IC GATE DRVR HIGH-SIDE 14SOP**FAN73832MX**onsemi
IC GATE DRVR HALF-BRIDGE 8SOIC**FAN7387MX**onsemi
IC BALLAST CNTRL 22KHZ 8SOP**FAN7383MX**Fairchild Semiconductor
HB BASED PERIPHERAL DRIVER WITH**FAN7387N**onsemi
IC BALLAST CNTRL 22KHZ 8DIP**FAN7382N**Fairchild Semiconductor
HALF BRIDGE BASED PERIPHERAL DRI**FAN7387VN**Fairchild Semiconductor
HALF BRIDGE BASED PERIPHERAL DRI**FAN7387MX**Fairchild Semiconductor
HALF BRIDGE BASED PERIPHERAL DRI

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 Alleco 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

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@alleco.com

Certifications & Memberships



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