



Image may be representation.
See specifications for product details.



FAN7382M

Manufacturer Part Number	FAN7382M
Manufacturer	onsemi
Allelco Part Number	32D-FAN7382M
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR HALF-BRIDGE 8SOP
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	FAN7382.pdf FAN7382.pdf

Get a Quote

FAN7382M - onsemi.New Original in Stock. Download Linear Technology FAN7382M datasheet/specifications on AllelcoElec.com.
Request a quote for FAN7382M, please send us email: info@allelco.com

Specifications

FAN7382M Tech Specifications
FAN7382M - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	10V ~ 20V	Logic Voltage - VIL, VIH	0.8V, 2.5V
Supplier Device Package	8-SOP	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	60ns, 30ns	Gate Type	IGBT, N-Channel MOSFET
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Driven Configuration	Half-Bridge
Package	Tube	Current - Peak Output (Source, Sink)	350mA, 650mA
Operating Temperature	-40°C ~ 150°C (TJ)	Channel Type	Independent
Number of Drivers	2	Base Product Number	FAN7382

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FAN7382M

Product Attribute				
Part Number	FAN7382M	FAN7380MX-OP	FAN7371MX	FAN73832N
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	10V ~ 20V	10V ~ 20V	10V ~ 20V	15V ~ 20V
Channel Type	Independent	Synchronous	Single	Synchronous
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Peak Output (Source, Sink)	350mA, 650mA	90mA, 180mA	4A, 4A	350mA, 650mA
Number of Drivers	2	2	1	2
Driven Configuration	Half-Bridge	Half-Bridge	High-Side	Half-Bridge
Logic Voltage - VIL, VIH	0.8V, 2.5V	0.8V, 2.5V	0.8V, 2.5V	1.2V, 2.9V
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Base Product Number	FAN7382	FAN7380	FAN7371	FAN73832
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300', 7.62mm)
Supplier Device Package	8-SOP	8-SOIC	8-SOIC	8-DIP
High Side Voltage - Max (Bootstrap)	600 V	600 V	600 V	600 V
Rise / Fall Time (Typ)	60ns, 30ns	230ns, 90ns	25ns, 15ns	50ns, 30ns
Series	-	-	-	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TA)	-55°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)

FAN7382M Datasheet PDF

Download FAN7382M pdf datasheets and onsemi documentation for FAN7382M - onsemi.

Datasheets

[FAN7382.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)









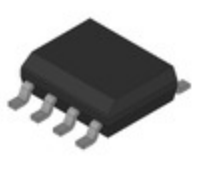
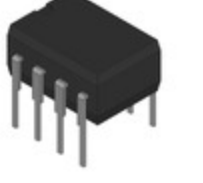







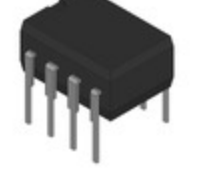
PCN Obsolescence/ EOL

[Multiple Devices 14/Mar/2011.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
FAN7380MX-OP onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7371MX onsemi IC GATE DRVR HIGH-SIDE 8SOP	FAN73832N onsemi IC GATE DRVR HALF-BRIDGE 8DIP	FAN73833M onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7380MX onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7382MX onsemi IC GATE DRVR HALF-BRIDGE 8SOP
					
FAN7382N onsemi IC GATE DRVR HALF-BRIDGE 8DIP	FAN73832MX onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7380MX Fairchild Semiconductor HALF BRIDGE BASED PERIPHERAL DRI	FAN73832N Fairchild Semiconductor HALF BRIDGE PERIPHERAL DRIVER	FAN7380G Fairchild (onsemi)	FAN7382M1X onsemi IC GATE DRVR HALF-BRIDGE 14SOP
					
FAN7382M1X Fairchild Semiconductor HALF BRIDGE BASED PERIPHERAL DRI	FAN7380M onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN73833MX onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	FAN7380MX-G AMI Semiconductor/onsemi	FAN7380 Fairchild (onsemi)	FAN7382N 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 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
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com